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Miscellaneous Publication No. 254

Washington, D. C. March 1937

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WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

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WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

✦

1936–37

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By MARY A. AGNEW
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KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architect, Architecture, Architectural.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry, Biochemical.
Biol., Biology, Biologist, Biological.
Bldg., Building(s).
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Bull., Bulletin.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Collab., Collaborator, Collaborating.
Comp., Comparative.
Comn., Commission.
Comr., Commissioner.
Conserv., Conservation, Conservationist.
Consult., Consulting, Consultant.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Ecol., Ecology, Ecologist, Ecological.
Econ., Economy, Economic, Economics, Economist.
Ed., Education, Educational.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Erad., Eradication.
Expt., Experiment, Experimentalist, Experimental.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening, Gardener.
Gen., General.
Geog., Geography.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection, Inspector.
Instr., Instructor, Instruction.
Insts., Institutes.
Invest., Investigations, Investigational, Investigator.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Med., Medicine, Medical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufacturers.
Mgr., Manager.
Mgt., Management.
Microbiol. Microbiology, Microbiologist.
Mktg., Marketing.
Morphol., Morphology, Morphologist.
Mycol., Mycology, Mycologist.
Nutr., Nutrition, Nutritionist.
Oler., Olericulture, Olericulturist.
Org., Organic.
Organ., Organization(s).
Ornith., Ornithology, Ornithologist.
Parasitol., Parasitology, Parasitologist.
Path., Pathology, Pathologist, Pathological.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol., Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical.
Physiol., Physiology, Physiologist, Physiological.
Phytopath., Phytopathology, Phytopathologist, Phytopathological.
P. O., Post Office.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice, Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Sci., Science, Scientist, Scientific.
Sect., Section.
Secy., Secretary.
Secon., Secondary.
Sociol., Sociology, Sociologist.
Sta., Station.
Subsect., Subsection.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technology, Technologist, Technical.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist, Zoological.

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[1] On leave.

NOTE.—In the preparation of this publication Miss Agnew was assisted by Betty T. Richardson of the Office of Experiment Stations.

Only the names of persons directly engaged in teaching, research, or demonstration in agriculture and home economics are included in the compilation. An asterisk (*) indicates a college officer; a dagger (†), a station officer; and a double dagger (‡), an extension worker. When the title of the position in the station differs from that in the college the latter is given first.

A key to the abbreviations used is given on page v.

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‡T. E. Dick, *Home Econ. Ext.*
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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy and soils, animal industry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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Economics (Agr.): [1]

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Education (Agr.):

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Engineering (Agr.):

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Engineering (Agr.)—Continued.

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†S. E. Flanders, Ph. D., *Asst. Ent.* (*P. O., Riverside*).

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[1] Including the Giannini Foundation of Agricultural Economics.

[2] On leave.

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Extension (Admin.): [1]

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‡T. C. Mayhew, B. S., *Asst. State Leader, Coast Counties.*
‡Claribel Nye, M. A., *Asst. State Home Dem. Leader.*
‡W. R. Ralston, B. S., *Asst. State Club Leader, Southern Counties.*
‡C. W. Rubel, B. S., *Asst. State Leader, Northern Counties.*
‡Fleda E. Smith, B. S., *Asst. State Home Dem. Leader.*
‡L. B. Smith, B. S., *Asst. State Leader, Southern Counties.*
‡F. M. Spurrier, B. S., *Asst. State Club Leader, Northern Counties.*
‡J. E. Tippett, B. S., *Asst. County Agt. Leader and in charge of Specialists.*
‡W. G. Waterhouse, B. S., *Asst. State Club Leader, Coast Counties.*
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‡Harold Ellis, *Information and Publicity.*
‡C. F. Elwood, B. S., *Asst. Prof. in charge Public Service Office.*
‡T. F. Hunt, B. S., *Assoc. Prof. Agr. Ext. in charge of Unorganized Counties.*
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Forestry:

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Forestry—Continued.

*Emanuel Fritz, M. E., M. F., *Assoc. Prof. For.*
*†Joseph Kittredge, Jr., M. F., Ph. D., *Prof. For.; For. Ecol.*
*†M. E. Krueger, M. S., *Assoc. Prof. and Assoc. For.*
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Home Economics:

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*Mary F. Patterson, *Chair. Dept. of Household Art.*
‡Jessie L. Decker, *Home Furnishing Specialist.*
‡Ethelwyn M. Dodson, B. S., *Clothing Specialist.*
*Helen W. Fancher, *Assoc. in Household Art.*
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*Hope M. Gladding, *Assoc. Prof. Household Art and Design.*
*May N. Lent, *Assoc. in Household Art.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

Horticulture—Continued.

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Poultry Husbandry:

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.
[2] Courses given in the Women's College.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] In cooperation with the Georgia experiment station.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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‡Mrs. Mary H. Jones, *Home Dem. Agt.*
*Harriet E. Peeler, B. S., *Clothing.*
*F. M. Staley, M. S., *Dir. of Agr.*
‡P. H. Stone, B. S., *State Agt.*
*J. V. Strickland, M. S., *Poultry Husb., Agr. Econ.*
*A. A. Tabor, B. S., *State Supvr. Agr. Ed.*
*R. A. Thomas, *Farm Supt.*
*Mrs. Ella M. Washington, B. S., *Clothing.*
‡Camilla Weems, M. S., *Home Dem. Agt.*

HAWAII

University of Hawaii (Divisions of Agriculture and Home Economics) and the Hawaii Agricultural Experiment Station, conducted jointly by the United States Department of Agriculture and the University of Hawaii, *Honolulu*

*College faculty. †Station staff. ‡Extension staff.

*D. L. Crawford, M. A., LL. D., *President of University.*
*A. R. Keller, M. S., *Dean Coll. of Applied Science.*
*R. N. Chapman, Ph. D., *Dir. Grad. School of Trop. Agr.*
†O. C. Magistad, Ph. D., *Dir. of Agr. Expt. Station. Chem.*
‡H. H. Warner, B. S., *Dir. of Agr. Ext. Service.*
*†G. R. Kinnear, M. B. A., *Treasurer.*

Agriculture:

*††L. A. Henke, M. S., *Prof. Agr.; An. Husb.*
†E. K. Akamine, B. S., *Asst. in Agr.*
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Agriculture—Continued.

*††C. M. Bice, B. S., *Asst. Prof. and Poultry Husb.*
†H. B. Cady, *Mktg. Econ.*
*J. L. Collins, Ph. D., *Assoc. Prof. Genetics.*

[1] In cooperation with the College of Agriculture.

Agriculture—Continued.

*†G. W. H. Goo, B. S., *Asst. in An. Husb.*
†W. W. Jones, Ph. D., *Asst. Plant Physiol.*
‡W. N. King, B. S., *Agron. Specialist.*
‡M. Maneki, B. S., *Asst. Ext. Econ.*
‡Kenichi Murata. *Asst. Ext. Econ.*
†Makoto Takahashi, B. S., *Asst. in Agron.*
†B. A. Tower, M. S., *Asst. Poultry Husb.*
*†H. A. Wadsworth, B. S., *Prof. Agr.; Irrig. Engin. and Soil Physicist.*
‡S. Wakabayashi, Ph. D., *Veg. Gard. Specialist.*
†J. E. Welch, M. S., *Junior Oler.*
*†J. M. Westgate, M. S., *Prof. and Consult. in Trop. Agr.*
†L. D. Whitney, B. S., *Asst. Agron.*
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Botany: [1]

*Harold St. John, Ph. D., *Prof. Bot.*
*†O. N. Allen, Ph. D., *Assoc. Prof. Plant Path. and Bact.; Collab. in Bact.*
*R. S. Bean, B. S., *Asst. Prof. Bot.*
*F. R. Fosberg, M. S., *Asst. in Bot.*
†G. K. Parris, Ph. D., *Plant Path.*
*D. M. Weller, *Instr. Bot.*

Chemistry and Sugar Technology:

*F. T. Dillingham, M. A., *Prof. Chem. and Sugar Tech.*
†J. C. Ripperton, M. S., *Chem.*
*G. H. Barnhart, M. S., *Lect. in Sugar Tech.*
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*W. R. McAllep, *Lect. in Sugar Mfg.*
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Education (Agr.):

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Extension (Admin.): [2]

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Geology:

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*Katherine Bazore, M. A., *Asst. Prof. Home Econ.*
*Anna B. Dahl, *Asst. Prof. Textiles and Design.*
*Maurine Flint, B. S., *Asst. in Home Econ.*
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*Mary D. Smith, M. A., *Lect. in Home Econ.*
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*Helen Yonge, B. S., *Asst. in Home Econ.*

Physics:

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Sugar Technology—See **Chemistry.**

Zoology: [1]

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*†C. J. Hamre, Ph. D., *Assoc. Prof. Zool.; Zool. and Histol.*
†H. G. Hansen, *Assoc. Biol.* (*Coop. U. S. D. A.*).
*William Ingram, B. A., *Asst. in Zool.*
*M. A. Miller, Ph. D., *Instr. Zool.*
*J. M. Ostergaard, *Instr. Zool.*
†H. J. Spencer, B. A., *Asst. Biol.*
†L. E. Swanson, B. S., D. V. M., *Assoc. Parasitol.*

Miscellaneous:

*Mary P. Pringle, *Libr.*

Substations:

Haleakala Substa., *P. O., Makawao*—
R. A. Lyman, B. S., *Supt.*
Kona Substa., *P. O., Keauhou, N. Kona*—
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*†‡E. J. Iddings, M. S., *Dean Coll. of Agr., Dir. of Sta., Dir. of Ext. Div.*
*†C. W. Hungerford, Ph. D., *Dean of Grad. School, Vice Dir. of Sta.*
*H. E. Lattig, M. S., *Asst. Dean Coll. of Agr.*
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Agronomy:

*†K. H. Klages, Ph. D., *Prof. and Head of Dept.*
‡Jessie C. Ayres, A. B., *State Seed Analyst* (*P. O., Boise*).
*†G. O. Baker, M. S., *Asst. Prof. Agron.; Soil Tech.*
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‡H. L. Spence, Jr., B. S., *Ext. Agron. and State Seed Comr.* (*P. O., Boise*).

[1] Courses given in College of Arts and Sciences.
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*†J. E. Nordby, M. S., *Assoc. Prof. and Asst. An. Husb.*
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*†R. D. Reid, Ph. D., *Asst. Prof. and Asst. Bact.*

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*G. D. Alcorn, Ph. D., *Asst. Prof. Bot.*
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Chemistry:

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*W. H. Cone, Ph. D., *Asst. Prof. Chem.*
*D. D. DuSault, M. S., *Asst. Prof. Chem.*
†T. B. Hutchings, Ph. D., *Asst. Agr. Chem.*
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*J. D. Lindsay, Ph. D., *Asst. Prof. Chem.*
*A. W. Martin, M. S., *Instr. Chem.*
*H. S. Owens, Ph. D., *Asst. Prof. Chem.*
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‡I. H. Loughary, M. S., *Ext. Dairyman (P. O., Boise).*
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Economics (Agr.):

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*†Alexander Joss, M. S., *Instr. and Research Asst. in Agr. Econ.*
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†‡C. O. Youngstrom, M. S., *Assoc. Agr. Econ. Actg. Ext. Econ.*

Editorial:

†‡O. A. Fitzgerald, M. A., *Agr. Editor.*
‡J. R. Walker, B. S., *Asst. Ext. Editor.*

Education (Agr.):

*H. E. Lattig, M. S., *Prof. and Head of Dept.*
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*S. S. Richardson, B. S., *Instr. Agr. Ed.*

Engineering (Agr.):

*†Hobart Beresford, B. S., *Prof. and Head of Dept.*
*†E. N. Humphrey, *Instr. and Asst. in Agr. Engin. and Motor Mech.*
*†M. R. Kulp, M. S., *Asst. Prof. Agr. Engin.; Irrig.*
*†J. B. Rodgers, M. S., *Instr. and Asst. Agr. Engin.*

Entomology:

*†‡Claude Wakeland, Ph. D., *Prof. and Head of Dept.*
†T. A. Brindley, Ph. D., *Asst. Ent. (Coop. U. S. D. A.).*
†R. W. Haegele, M. S., *Asst. Ent. (P. O., Parma).*
†F. G. Hinman, M. S., *Junior Ent. (Coop. U. S. D. A.).*
*†‡W. E. Shull, Ph. D., *Assoc. Prof. and Assoc. Ent.*

Extension (Admin.): [3]

Director Iddings *in charge.*
‡J. H. Rearden, B. S., *County Agt. Leader and State Club Leader.*
‡Marion M. Hepworth, B. S., *State Home Dem. Leader and Nutr. Specialist.*
‡T. B. Murray, *Rodent Control Leader (P. O., Boise).*

Forestry:

‡R. K. Pierson, M. S., *Ext. For.*

Home Economics:[1]

*Elsie M. Maxwell, M. S., *Prof. and Head of Dept., Dir. of Home Econ. Curriculum.*
†Ella Woods, Ph. D., *Home Econ.*
*Marion Featherstone, M. A., *Instr. Home Econ.*
*Adah Lewis, M. S., *Assoc. Prof. Home Econ.*
‡Vivian Minyard, B. S., *Clothing Specialist.*
*Lillian Navratil, M. S., *Asst. Prof., State Supvr. and Teacher Trainer in Home Econ.*
*Ruth M. Smith, M. A., *Instr. Home Econ.*
*Luella Williams, B. S., *Supvr. Pract. Teaching in Home Econ.*

Horticulture:

*†Leif Verner, Ph. D., *Prof. and Head of Dept.*
‡E. R. Bennett, M. H., *Ext. Hort. (P. O., Boise).*
†L. R. Tucker, M. S., *Asst. Hort. (P. O., Parma).*
*†G. W. Woodbury, M. S., *Assoc. Prof. and Assoc. Hort.*

Plant Pathology:

*†C. W. Hungerford, Ph. D., *Prof. and Head of Dept.*
†W. M. Bever, M. S., *Junior Plant Path. (Coop. U. S. D. A.).*
*†E. C. Blodgett, Ph. D., *Asst. Prof. and Assoc. Plant Path.*
†W. H. Pierce, Ph. D., *Assoc. Plant Path.*
*†J. M. Raeder, M. S., *Assoc. Prof. and Assoc. Plant Path.*

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[1] Courses given in College of Letters and Science.
[2] On leave.
[3] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Poultry Husbandry:

*†C. E. Lampman, B. S., *Prof. and Head of Dept.*
†H. W. Basso, B. S., *Asst. Poultry Husb.*
‡Pren Moore, *Poultry Specialist (P. O., Boise).*

Veterinary Science—See **Animal Husbandry.**

Zoology: [1]

*H. B. Stough, Ph. D., *Prof. and Head of Dept.*
*L. C. Glass, M. S., *Asst. Prof. Zool.*

Zoology—Continued.

*C. E. Mowitz, Ph. D., *Instr. Zool.*
*Maurine Peterson, M. S., *Instr. Zool.*

Miscellaneous:

*†‡Frances C. Wheeler, B. S., *Secy.*
*†M. Belle Sweet, B. L. S., *Instr. Libr. Sci.; Libr.*

Substations:

Aberdeen—J. L. Toevs, B. S., *Supt.*
Caldwell—R. F. Johnson, B. S., *Supt.*
Sandpoint—R. E. Knight, B. S., *Supt.*
Tetonia (High Altitude)—W. A. Moss, B. S., *Supt.*

ILLINOIS

College of Agriculture, the Agricultural Experiment Station, and the Extension Service in Agriculture and Home Economics of the University of Illinois, *Urbana*

*College faculty. †Station staff. ‡Extension staff.

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*†‡H. W. Mumford, B. S., D. Agr., *Dean Coll. of Agr., Dir. of Sta., Dir. of Ext. Service. Prof. An. Husb.*
*R. R. Hudelson, A. M., *Asst. Dean Coll. of Agr.*
*†‡G. L. Jordan, Ph. D., *Asst. to Dean and Dir.*
*†‡F. A. Painter, B. S., *Asst. to Dean and Dir.*
†Anna C. Glover, *Secy. of Sta. and Mgr. Pubs.*
*†Lloyd Morey, LL. D., C. P. A., *Comptroller.*

Agronomy:

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†C. J. Badger, B. S., *Assoc. in Soil Expt. Fields.*
*†F. C. Bauer, Ph. D., *Prof. Soil Fert.; Chief in Soil Expt. Fields.*
*†O. T. Bonnett, Ph. D., *Assoc. in Plant Brdg.*
†R. H. Bray, M. S., *Asst. Chief in Soil Survey Anal.*
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*†E. E. De Turk, Ph. D., *Prof. Soil Tech.; Chief in Soil Tech., in charge Soil Anal. of Soil Survey.*
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†E. B. Earley, M. S., *Asst. in Soil Fert.*
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†C. F. Hottes, Ph. D., *Consult. Plant Physiol.*
†P. E. Johnson, B. S., *Asst. in Soil Expt. Fields.*
†Benjamin Koehler, Ph. D., *Assoc. Chief in Crop Path.*
†A. L. Lang, M. S., *Asst. Chief in Soil Expt. Fields.*
‡C. M. Linsley, M. S., *Asst. Prof. Soils Ext.*
†L. F. Marriott, B. S., *Asst. in Soil Expt. Fields.*
†L. B. Miller, B. S., *Assoc. in Soil Expt. Fields.*
*†W. J. Mumm, M. S., *Assoc. in Plant Brdg.*
*†J. J. Pieper, Ph. D., *Prof. and Chief in Crop Prod.*
*†O. H. Sears, Ph. D., *Assoc. Prof. and Assoc. Chief in Soil Biol.*
†L. V. Sherwood, M. S., *Asst. in Agron.*
†G. D. Smith, A. M., *First Asst. in Soil Phys. and Soil Survey.*

Agronomy—Continued.

†L. H. Smith, Ph. D., *Chief in charge Pubs. of Soil Survey.*
*†R. S. Smith, Ph. D., *Prof. Soil Phys.; Chief in Soil Phys. and Soil Survey.*
†H. J. Snider, M. S., *Asst. Chief in Soil Expt. Fields.*
†V. G. Sprague, Ph. D., *Asst. in Agron.*
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Animal Husbandry:

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‡H. H. Alp, B. S., *Specialist in Poultry Husb.*
†Jessie R. Beadles, B. S., *Asst. in An. Nutr.*
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†B. R. Burmester, Ph. D., *First Asst. in An. Physiol.*
*†L. E. Card, Ph. D., *Prof. and Chief in Poultry Husb.*
*†W. E. Carroll, Ph. D., *Prof. and Chief in Swine Husb.*
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*†‡Robert Graham, B. S., D. V. M., *Prof. and Chief in An. Path. and Hyg.*
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[1] Courses given in College of Letters and Science.

Animal Husbandry—Continued.

*†T. S. Hamilton, M. S., *Assoc. in An. Nutr.*
*†W. G. Kammlade, Ph. D., *Assoc. Prof. and Assoc. Chief in Sheep Husb.*
†M. Helen Keith, A. M., *First Asst. in An. Nutr.*
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Dairy Husbandry:

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*†W. L. Gaines, Ph. D., *Prof. and Chief in Milk Prod.*
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*†S. G. Menefee, B. S., *Asst. in Dairy Chem.*
*†W. B. Nevens, Ph. D., *Prof. and Chief in Dairy Cattle Feeding.*
*†O. R. Overman, Ph. D., *Assoc. Prof. and Assoc. Chief in Dairy Chem.*
*†M. J. Prucha, Ph. D., *Prof. and Chief in Dairy Bact.*
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Economics (Agr.):

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Education (Agr.): [1]

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[1] In College of Education.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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Economics (Agr.)—See **Rural Social Science.**

Editorial—See **Journalism.**

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Entomology—See **Zoology.**

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‡Mrs. Edith P. Barker, *Actg. in charge Girls' Club Work.*
‡Florence Forbes, B. S., *Agt. in Club Work.*
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[2] For subject-matter workers, see the respective division; i. e., agronomy, animal husbandry, etc.

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*E. B. Doran, M. S., *Prof. Agr. Engin.*
†H. T. Barr, M. S., *Assoc. Agr. Engin.*
*W. H. Carter, M. S., *Asst. Prof. Agr. Engin.*
‡G. A. Gerdes, *Cotton Gin Specialist.*
‡E. G. Giering, Jr., B. S., *Asst. Ext. Engin. in charge Visual Ed.*
‡C. J. Hutchinson, B. S., *Ext. Agr Engin.*

Entomology—See **Zoology.**

Extension (Admin.): [2]
Director Bateman *in charge.*
‡F. W. Spencer, M. S., *Asst. Dir. and State Agt.*
‡Ellen LeNoir, B. A., *State Home Dem. Agt.*
‡W. C. Abbott, M. S., *State Club Agt.*
‡M. M. LaCroix, M. S., *Asst. State Club Agt.*
‡T. J. Jordan, B. S., *State Agt. in Negro Work (P. O., Scotlandville).*
‡W. M. Babin, M. S., *Dist. Agt. SE. Dist.*
‡Miss Tom Bourg, A. M., *Dist. Agt. SE. Dist.*
‡C. W. Davis, B. S., *Dist. Agt. NE. Dist.*
‡Margaret Firnberg, B. S., *Dist. Agt. SW. Dist.*
‡Mrs. Mary Johnson, M. S., *Dist. Agt. S. Central Dist.*
‡R. V. St. Dizier, B. S., *Dist. Agt. S. Central Dist.*
‡H. C. Sanders, B. S., *Dist. Agt. NW. Dist.*
‡F. A. Swann, B. S., *Dist. Agt. SW. Dist.*
‡Gladys Tappan, A. M., *Dist. Agt. NW. Dist.*
‡Nan Tarwater, B. S., *Dist. Agt. NE. Dist.*

Fertilizer and Feed Stuffs Laboratory:
†A. P. Kerr, M. S., *Chief Chem.*
†W. P. Denson, A. B., *Asst. Chem.*
†J. L. Farr., M. S., *Asst. Chem.*
†J. H. Jolly, B. S., *Asst. Chem.*
†C. C. Moreland, B. S., *Asst. Chem.*

Forestry:
*R. W. Hayes, B. S., M. F., *Prof. For.*
*B. A. Bateman, M. S. F., *Assoc. Prof. For.*
*A. D. Folweller, M. F., *Assoc. Prof. For.*
‡A. S. McKean, B. S., *Ext. For.*
*H. B. McKean, B. S., M. F., *Instr. For.*
*C. H. Vaux, B. S., M. F., *Asst. Prof. For.*

Home Economics:
*Helen M. Carter, Ph. D., *Prof. and Head of Dept.*

Home Economics—Continued.
*Hazel A. Baker, A. M., *Assoc. Prof. Home Econ.*
‡Hazel Bratley, M. S., *Ext. Nutr.*
‡Mary L. Collings, A. M., *Home Mgt. Specialist.*
*Mrs. J. E. Coxe, M. S., *Instr. Home Econ.*
‡Bertha L. Ferguson, M. S., *Home Gard. and Canning Specialist.*
‡Estelle Fournet, B. S., *Food Preservation Specialist.*
*Martha E. Hollinger, M. S., *Asst. Prof. Home Econ.*
*Ona Smith, M. A., *Asst. Prof. Home Econ.*
*Susanne Thompson, M. S., *Assoc. Prof. Home Econ.*

Horticulture:
†J. C. Miller, Ph. D., *Hort. in charge of Research.*
*B. H. Singletary, M. S., *Prof. Hort. and Head of Coll. Dept.*
†F. D. Cochran, M. S., *Asst. Hort.*
*D. L. Gill, Ph. D., *Instr. Hort.*
*†W. D. Kimbrough, Ph. D., *Assoc. Prof. and Assoc. Hort.*
*H. S. Moles, M. S., *Asst. Prof. Hort.*
‡J. G. Richard, M. S., *Asst. Ext. Hort.*
‡G. L. Tiebout, B. S., *Ext. Hort.*

Sugarcane Work:
†W. G. Taggart, M. S., *Sugarcane Invest.*
†C. B. Gouaux, B. S., *in charge Outfield Work (P. O., Lafayette).*
†W. M. Grayson, B. S., *Asst. Sugar Tech.*
†E. C. Simon, M. S., *Asst. in Sugarcane Invest.*

Zoology and Entomology:
*W. H. Gates, D. Sc., *Prof. Zool. and Ent.*
†C. O. Eddy, Ph. D., *Ent.*
*Ellinor H. Behre, Ph. D., *Prof. Zool.*
*H. J. Bennett, Ph. D., *Asst. Prof. Zool.*
†R. W. Brubaker, M. S., *Junior Ent. (Coop. U. S. D. A.).*
‡E. C. Davis, *Bee Culture Specialist.*
†L. O. Ellisor, Ph. D., *Asst. Ent.*
*I. D. George, M. S., *Instr. Zool.*
†P. K. Harrison, M. S., *Asst. Ent. (Coop. U. S. D. A.).*
†Otto Mackensen, Ph. D., *Bee Culture Invest. (Coop. U. S. D. A.).*
*E. L. Miller, Ph. D., *Asst. Prof. Zool.*
†Exeret Oertel, Ph. D., *Asst. Apiculturist (Coop. U. S. D. A.).*
†B. A. Osterberger, M. S., *Asst. Ent.*
*J. H. Roberts, Ph. D., *Asst. Prof. Ent.*
*O. W. Rosewall, Ph. D., *Prof. Ent.*
†C. E. Smith, M. S., *Assoc. Ent. (Coop. U. S. D. A.).*
†C. L. Stracener, M. S., *Asst. Ent.*
†Warren Whitcomb, Jr., Ph. D., *Asst. Apiculturist (Coop. U. S. D. A.).*

Miscellaneous:
*J. A. McMillen, A. B., B. L. S., *Libr.*
†‡Mrs. Ella H. Meyer, A. B., *Agr. Libr.*

Substations:
Fruit and Truck Sta., *P. O., Hammond*—
W. F. Wilson, Jr. B. S., *Supt.*
North La. Sta., *P. O., Calhoun*—
Sidney Stewart, B. I., *Supt.*
R. E. Wright, M. S., *Asst.*
Northeast La. Sta., *P. O., St. Joseph*—
C. B. Haddon, B. S., *Supt.*
Rice Sta., *P. O., Crowley*—
J. M. Jenkins, B. S., *Supt. (Coop. U. S. D. A.).*

---

[1] On leave.
[2] For subject matter workers see the respective division; i. e., agronomy, animal industry, etc.

Southern University and Agricultural and Mechanical College of the State of Louisiana, *Baton Rouge*

*Agricultural faculty.

*J. S. Clark, Ph. D., *President.*
*Cornelius King, M. S., *Dir. of Agr.*

*E. S. Burke, B. S., *Assoc. Prof. Agr.*
*Mrs. Minnie H. Champe, B. S., *Dir. Home Econ.*
*M. J. Clark, M. S., *Itinerant Teacher Trainer in Agr.*
*H. D. C. Douglass, B. S., *Prof. Agr.*
*John Fisher, B. S., *Asst. Prof. Agr.*
*Irene P. Myers, B. S., *Asst. Prof. Home Econ.*
*Rebecca F. Netterville, B. S., *Asst. Prof. Home Econ.*
*Kanata E. Rodgers, M. S., *Asst. Prof. Home Econ.*
*Camille S. Shade, A. B., B. L. S., *Libr.*

MAINE

College of Agriculture and the Agricultural Experiment Station of the University of Maine, *Orono*

*College faculty. †Station staff. ‡Extension staff.

*A. A. Hauck, Ph. D., *President of University.*
*‡A. L. Deering, Sc. D., *Dean Coll. of Agr., Dir. of Agr. Ext. Service.*
†Fred Griffee, Ph. D., *Dir. of Sta.*
*†F. S. Youngs, *Treasurer.*

Agronomy and Engineering (Agr.):

*J. A. Chucka, Ph. D., *Prof. Agron.*
‡A. K. Gardner, B. S., *Crops Specialist.*
‡M. G. Huber, B. S., *Agr. Engin. Specialist.*
*W. C. Libby, M. S., *Asst. Prof. Agron.*
*S. M. Raleigh, Ph. D., *Asst. Prof. Agron.*
*H. C. Swift, M. S., *Asst. Prof. Agron. and Agr. Engin.*
‡O. L. Wyman, B. S., *Asst. Crops Specialist.*

Animal Industry:

*L. S. Corbett, M. S., *Prof. An. Indus.*
‡D. P. Corbett, B. S., *Asst. Dairy Specialist.*
*L. M. Dorsey, M. S., *Prof. Dairy Husb.*
*L. P. Gardner, M. S., *Asst. Prof. Poultry Husb.*
*H. W. Hall, M. S., *Asst. Prof. An. Indus.*
‡H. L. Richardson, B. S., *Poultry Specialist.*
*J. R. Smyth, M. S., *Prof. Poultry Husb.*
‡R. F. Talbot, B. S., *Dairy Specialist.*
*J. F. Witter, B. S., D. V. M., *Asst. Prof. An. Path.*

Bacteriology:

*E. R. Hitchner, Ph. D., *Prof. Bact.*
*M. E. Highlands, S. M., *Asst. Prof. Bact.*

Biology:

†W. F. Dove, Ph. D., *Biol. (An. Brdg. and Nutr.)*
†R. M. Bailey, B. S., *Assoc. Biol. (Plant Brdg. and Nutr.).*
†Mrs. Iva M. Burgess, M. S., *Asst. in Biol.*
†F. N. Chadwick, Jr., B. S., *Asst. in Biol. (P. O., Monmouth).*
†F. B. Chandler, B. S., *Asst. Biol. (Blueberry Invest.).*
†J. A. Chucka, Ph. D., *Assoc. Biol. (Plant Brdg. and Nutr.).*
†Mildred R. Covell, *Asst. in Biol.*
†D. S. Fink, Ph. D., *Asst. Biol. (Plant Brdg. and Nutr.).*
†Arthur Hawkins, M. S., *Asst. Biol. (Plant Nutr.).*
†Mrs. Emmeline W. Kenney, *Lab. Asst. in Biol.*

Biology—Continued.

†D. B. Lovejoy, M. S., *Asst. Biol. (Plant Brdg. and Nutr.).*
†I. C. Mason, M. S., *Asst. in Biol. (Blueberry Invest.).*
†Elizabeth F. Murphy, M. A., *Asst. in An. Brdg. and Nutr.*

Botany and Entomology: [1]

*F. H. Steinmetz, Ph. D., *Prof. Bot. and Ent.*
*C. O. Dirks, Ph. D., *Assoc. Prof. Ent.*
*Fay Hyland, M. S., *Asst. Prof. Bot.*
*†G. P. Steinbauer, Ph. D., *Asst. Prof. Bot.; Seed Analyst.*

Chemistry (Biol. and Agr.):

†E. R. Tobey, M. S., Ch. E., *Chem.*
*H. W. Smith, Ph. D., *Prof. Biol. and Agr. Chem.*
†M. G. Moore, M. S., *Asst. Chem.*
*J. T. Pedlow, Ph. D., *Asst. Prof. Biochem.*
†G. H. Perkins, M. S., *Asst. Chem.*
†B. E. Plummer, Jr., M. S., *Assoc. Chem.*
†C. H. White, Ph. C., *Assoc. Chem.*

Economics (Agr.) and Farm Management:

*†C. H. Merchant, Ph. D., *Prof. Agr. Econ. and Farm Mgt.; Agr. Econ.*
‡R. N. Atherton, B. S., *Ext. Econ., Mktg.*
†Magretta Blackmore, *Asst. in Agr. Econ.*
*M. D. Jones, M. S., *Prof. Agr. Econ. and Farm Mgt.*
‡S. C. McIntire, B. S., *Ext. Econ., Farm Mgt.*
‡S. R. Miller, B. S., *Ext. Econ., Farm Mgt.*
*E. J. Niederfrank, M. S., *Asst. Prof. Agr. Econ. and Farm Mgt.*
†Elaine M. Pooler, *Chief Asst. in Agr. Econ.*
‡D. W. Reed, B. S., *Ext. Econ., Farm Mgt.*
†W. E. Schrumpf, M. S., *Asst. Agr. Econ.*
*†A. E. Watson, M. S., *Actg. Instr. and Actg. Asst. Agr. Econ.*
†Iris M. Williams, *Asst. in Agr. Econ.*

Editorial:

‡C. A. Day, M. S., *Agr. Editor.*
‡B. B. Miner, B. S., *Asst. Agr. Editor.*

[1] See also Entomology.

Education (Agr.):

*H. S. Hill, A. B., *Prof. and State Supvr. Agr. Ed.*

Entomology:

†Edith M. Patch, Ph. D., *Ent.*
†F. H. Lathrop, Ph. D., *Ent.*
†Alice W. Averill, *Lab. Asst. in Ent.*
†J. H. Hawkins, Ph. D., *Asst. Ent.*
†G. W. Simpson, Ph. D., *Asst. Ent.*

Extension (Admin.): [1]

Director Deering *in charge.*
‡G. E. Lord, B. S., *Asst. Dir.*
‡R. C. Dolloff, B. S., *County Agt. Leader.*
‡Estelle Nason, B. S., *State Home Dem. Agt. Leader.*
‡K. C. Lovejoy, B. S., *State Club Leader.*
‡Evelyn Plummer, B. S., *Asst. State Club Leader.*
‡W. E. Mosher, B. S., *Executive Secy.*

Forestry:

*D. B. Demeritt, B. S., M. F., *Prof. For.*
*R. I. Ashman, A. B., M. F., *Assoc. Prof. For.*
*Gregory Baker, B. S., *Instr. For.*
*C. W. L. Chapman, M. S., *Asst. Prof. For.*
*A. W. Goodspeed, B. S., M. F., *Assoc. Prof. For.*
‡A. D. Nutting, B. S., *For. Specialist.*

Home Economics:

*†Pearl S. Greene, M. A., *Prof. Home Econ.; Home Econ.*
†Mary M. Clayton, Ph. D., *Nutr.*
‡Edna M. Cobb, B. S., *Home Mgt. Specialist.*
‡Leone M. Dakin, B. S., *Foods Specialist.*

Home Economics—Continued.

*Gladys M. Gould, B. S., *Instr. Home Econ.*
*Eleanor Haile, M. S., *Asst. Prof. Home Econ.*
†Merna M. Monroe, M. S., *Asst. in Home Econ. Research.*
*Marguerite R. Musgrave, M. A., *Asst. Prof. Home Econ.*
*Mrs. Mary E. Snyder, M. S., *Instr. Home Econ.*
‡Helen C. Spaulding, B. S., *Clothing Specialist.*
*Mrs. Mabel L. Stewart, B. S., *Instr. Home Econ.*
*†Mrs. Marion D. Sweetman, Ph. D., *Prof. and Collaborating Home Econ.*
*Mrs. Beulah O. Wells, M. A., *Instr. Home Econ.*

Horticulture:

*J. H. Waring, Ph. D., *Prof. Hort.*
*Roger Clapp, M. S., *Asst. Prof. Hort.*
‡A. K. Gardner, B. S., *Orchard Specialist.*
*R. M. Riley, M. S., *Asst. Prof. Hort.*

Plant Pathology:

†Donald Folsom, Ph. D., *Plant Path.*
†Gladys E. Babbin, *Seed Analyst and Lab. Asst. in Plant Path.*
†Reiner Bonde, M. S., *Assoc. Plant Path.*
†M. T. Hilborn, M. S., *Asst. Plant Path.*

Short Courses:

*F. P. Loring, M. S., *Director.*

Experiment Station Farms:

Aroostook Farm, *P. O., Presque Isle*—S. O. Hanson, *Supt.*
Highmoor Farm, *P. O., Monmouth*—I. H. Cheney, B. S., *Supt.*

MARYLAND

Colleges of Agriculture and Home Economics, Agricultural Experiment Station, and the Extension Service of the University of Maryland, *College Park*

*College faculty. †Station staff. ‡Extension staff.

*H. C. Byrd, B. S., LL. D., *President of University.*
*†H. J. Patterson, D. Sc., *Dean Coll. of Agr., Dir. of Sta.*
‡T. B. Symons, M. S., D. Agr., *Dir. of Ext. Service.*
*M. Marie Mount, M. A., *Dean Coll. of Home Econ.*
*†H. T. Casbarian, B. C. S., C. P. A., *Comptroller.*

Agronomy:

*†J. E. Metzger, M. A., *Prof. Agron.; Agron. and Asst. Dir. of Sta.*
*†O. C. Bruce, M. S., *Prof. and Assoc. Soil Tech.*
*†G. F. Eppley, M. S., *Assoc. Prof. and Assoc. Agron.*
*†W. B. Kemp, Ph. D., *Prof. Genetics and Statistics, Asst. Dean Coll. of Agr.; Geneticist.*
†G. F. Madigan, B. S., *Asst. Agron.*
‡F. W. Oldenberg, B. S., *Agron. Specialist.*
‡W. B. Posey, B. S., *Tobacco Specialist.*
†R. G. Rothgeb, Ph. D., *Assoc. Geneticist (Plant Brdg.).*
†E. H. Schmidt, M. S., *Asst. Agron. (Soils).*
†R. L. Sellman, B. S., *Asst. Agron.*
*†R. P. Thomas, Ph. D., *Assoc. Prof. and Soil Tech.*
†H. B. Winant, M. S., *Asst. in Soils.*

Animal and Dairy Husbandry:

*†‡K. C. Ikeler, M. S., *Prof. An. Husb. and Chair. of Group.*

Animal and Dairy Husbandry—Contd.

*††DeVoe Meade, Ph. D., *Prof. An. and Dairy Husb.; An. and Dairy Husb.*
*†B. E. Carmichael, M. S., *Prof. An. Husb.; An. Husb.*
†K. G. Acker, M. S., *Asst. An. Husb.*
‡H. C. Barker, B. S., *Dairy Specialist.*
*†M. H. Berry, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
‡J. A. Conover, B. S., *Dairy Specialist.*
*†C. W. England, Ph. D., *Assoc. Prof. and Assoc. in Dairy Mfg.*
*†L. W. Ingham, M. S., *Prof. Dairy Husb.; Dairy Husb.*
‡J. M. Vial, B. S., *An. Husb. Specialist.*

Animal Pathology and Bacteriology:

*†R. C. Reed, Ph. B., D. V. M., *Prof. An. Path. and Vet. Med.; An. Path.*
†M. F. Welsh, B. S., D. V. M., *State Vet.*[2]
*†M. T. Bartram, Ph. D., *Instr. and Asst. in Bact.*
*L. A. Black, Ph. D., *Prof. Bact.*

[1] For subject-matter workers see the respective division; i. e., agronomy and engineering (agr.), animal industry, etc.
[2] Livestock Sanitary Laboratory.

Animal Pathology and Bacteriology—Continued.

†A. L. Brueckner, B. S., V. M. D., *An. Path.*[1]
†C. R. Davis, M. S., D. V. M., *Asst. An. Path. (Poultry).*[1]
†H. M. De Volt, D. V. M., M. S., *Assoc. An. Path. (Poultry).*[1]
†C. L. Everson, D. V. M., *Asst. An. Path.*[1] *(P. O., Baltimore).*
*J. E. Faber. Jr., M. S., *Instr. Bact.*
†I. M. Moulthrop, D. V. M., *Asst. An. Path. (Poultry).*[1]
†L. J. Poelma, D. V. M., M. S., *Assoc. An. Path.*[1]
†W. R. Teeter, B. S., D. V. M., *Asst. An. Path.*[1]

Botany:

*†C. O. Appleman, Ph. D., *Prof. Bot. and Plant Physiol.; Bot. and Plant Physiol. Dean of Grad. School.*
*†Ronald Bamford, Ph. D., *Assoc. Prof. and Assoc. Bot.*
*†R. G. Brown, Ph. D., *Asst. Prof. and Asst. Plant Physiol. and Bot.*
*†H. G. du Buy, Ph. D., *Asst. Prof. and Asst. Plant Physiol.*
‡H. A. Hunter, M. S., *Canning Crops Specialist.*
†‡R. A. Jehle, Ph. D., *Assoc. and Specialist in Plant Path.*
*†J. B. S. Norton, D. Sc., *Prof. Systematic Bot. and Mycol.; Plant Path.*
*†‡C. E. Temple, M. A., *Prof. and Specialist in Plant Path. (State Plant Path.).*
†‡E. A. Walker, M. S., *Asst. Plant Path.*
*†M. W. Woods, Ph. D., *Instr. and Asst. in Plant Path.*

Chemistry:

*L. B. Broughton, Ph. D., *Prof. Agr. and Food Chem. (State Chem.).*
*L. E. Bopst, B. S., *Chem. in charge Feed and Fert. Insp.*
*H. B. McDonnell, M. S., M. D., *Prof. Agr. Chem.*
*R. C. Wiley, Ph. D., *Assoc. Prof. Anal. Chem.*

Economics (Agr.) and Farm Management:

*†‡S. H. DeVault, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*
*W. T. L. Taliaferro, D. Sc., *Prof. Farm Mgt.*
*O. E Baker, Ph. D., *Lect. in Agr. Econ.*
‡W. C. Beaven, Ph. B., *Mktg. Specialist.*
‡L. E. Downey, B. S., *Asst. Mktg. Specialist.*
‡H. A. Edge, M. S., *Asst. Farm Mgt. and Statistics Specialist.*
*†A. B. Hamilton, M. S., *Asst. Prof. and Asst. Agr. Econ.*
‡W. E. Harrison, *Asst. Mktg. Specialist.*
‡T. B. Manny, Ph. D., *Rural Sociol. Specialist.*
‡P. E. Nystrom, M. S., *Farm Mgt. Specialist.*
*†Ralph Russell. M. S., *Asst. Prof. and Asst. Agr. Econ.*
‡S. B. Shaw, B. S., *Mktg. Specialist.*
‡H. J. Twilley, B. S., *Asst. Mktg. Specialist.*
*†W. P. Walker, M. S., *Assoc. Prof. and Assoc. Agr. Econ.*
‡E. P. Walls, M. S., *Mktg. and Canning Crops Specialist.*

Editorial:

‡A. H. Snyder, B. S., *Editor.*
‡O. R. Carrington, B. A., *Asst. Editor.*

Education (Agr.): [2]

*H. F. Cotterman, Ph. D., *Prof. Agr. Ed.*
‡C. S. Richardson, A. M., *Specialist in Ed. Ext.*
*L. G. Worthington, M. S., *Instr. Agr. Ed.*

Engineering (Agr.):

*†‡R. W. Carpenter, A. B., LL. B., *Prof. Agr. Engin.; Agr. Engin.*
‡A. V. Krewatch, M. S., E. E., *Agr. Engin. Specialist.*

Entomology:

*†‡E. N. Cory, Ph. D., *Prof. Ent.; Ent. (State Ent.).*
*†‡G. J. Abrams, M. S., *Asst. in Ent. and Asst. Specialist in Apiculture.*
‡S. L. Crosthwait, M. S., *Asst. Specialist in Ent.*
*†L. P. Ditman, Ph. D., *Asst. in Ent.*
†‡Castillo Graham, M. S., *Asst. Specialist in Ent.*
*Paul Knight, M. S., *Asst. Prof. Ent.*
†‡G. S. Langford, Ph. D., *Assoc. Ent. and Specialist in Insect Control.*
†H. S. McConnell, M. S., *Assoc. Ent.*

Extension (Admin.): [3]

Director Symons *in charge.*
‡E. I. Oswald, B. S., *County Agt. Leader.*
‡Dorothy Emerson, *State Girls' Club Agt.*
‡E. G. Jenkins, *State Boys' Club Agt.*
‡Venia M. Kellar, B. S., *State Home Dem. Agt.*
‡P. E. Nystrom, M. S., *Asst. County Agt. Leader.*
‡M. S. Downey, B. S., *Asst. Club Work Specialist.*

Forestry (Farm):

*F. W. Besley, M. F., D. Sc., *Prof. Farm For. (State For.).*

Home Economics:

Dean Mount *in charge, and Prof. Home and Institution Mgt.*
*Mrs. Amy J. Englund, M. A., *Instr. Foods, Nutr., and Institution Mgt.*
‡Jessie D. Hinton, M. S., *Home Mgt. Specialist.*
*Audrey Killiam, B. S., *Asst. in Home Econ.*
‡Florence H. Mason, B. S., *Home Furnishing Specialist.*
*Mary J. McCurdy, B. S., *Asst. in Home Econ.*
*Mrs. Frieda W. McFarland. M. A., *Prof. Textiles and Clothing.*
*Edna B. McNaughton, M. A., *Prof. Home Econ. Ed.*
‡Margaret McPheeters, M. S., *Nutr. Specialist.*
*Mrs. Eleanor L. Murphy, M. A., *Assoc. Prof. Home Mgt.*
‡Helen Shelby, M. A., *Clothing Specialist.*
*Mrs. Claribel P. Welsh, M. A., *Prof. Foods.*
*Mrs. F. H. Westney, M. A., *Asst. Prof. Textiles and Clothing.*

---

[1] Livestock Sanitary Laboratory.
[2] Courses given in College of Education.
[3] For subject-matter workers see the respective division; i. e., agronomy, animal and dairy husbandry, etc.

Horticulture:

*†A. L. Schrader, Ph. D., *Prof. Hort.; Hort.*
‡W. R. Ballard, B. S., *Veg. and Landsc. Gard. Specialist.*
*†J. B. Blandford, *Instr. and Asst. in Hort., Supt. Hort. Farm.*
*†W. A. Frazier, Ph. D., *Assoc. Prof. Hort.; Assoc. Olcr. (Canning Crops).*
*†I. C. Haut, Ph. D., *Assoc. Prof. and Assoc. Pomol.*
†F. B. Lincoln, Ph. D., *Assoc. Pomol. (Plant Propagation).*
‡M. M. Shoemaker, A. B., M. L. D., *Landsc. Gard. Specialist.*
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‡A. F. Vierheller, M. S., *Hort. Specialist.*
*†S. W. Wentworth, M. S., *Assoc. Prof. and Assoc. Pomol.*
†T. H. White, M. S., *Olcr. and Flor.*

Poultry Husbandry:

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‡W. F. Johnston, *State Discussion Group Leader (P. O., Paw Paw).*
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‡Olga Bird, B. S., *Asst. State Club Leader.*
‡Beatrice C. Boyle, B. S., *Asst. State Club Leader.*
‡Lois M. Corbett, B. S., *Asst. State Club Leader.*
‡Lola B. Green, B. S., *Asst. State Club Leader.*
‡Margaret B. Harris, M. A., *Asst. State Home Dem. Leader.*
‡P. G. Lundin, B. S., *Asst. State Club Leader.*
‡Marcella M. Meyer, B. S., *Asst. State Club Leader (P. O., Marquette).*
‡Nevels Pearson, B. S., *Asst. State Club Leader.*
‡C. A. Rood, B. S., *Asst. State Club Leader (P. O., Marquette).*
‡Helen A. Strow, M. S., *Asst. State Home Dem. Leader (P. O., Marquette).*
‡J. G. Wells, Jr., B. S., *Asst. County Agt. Leader (P. O., Chatham).*

Farm Crops:

*†H. C. Rather, B. S., *Head of Dept.*
*†H. M. Brown, M. S., *Instr. and Research Asst. in Farm Crops.*
†B. R. Churchill, M. S., *Research Asst. in Farm Crops (P. O., Chatham).*
‡D. L. Clanahan, M. S., *Farm Crops Specialist (P. O., Marquette).*
‡R. E. Decker, B. S., *Farm Crops Specialist.*
*†S. T. Dexter, Ph. D., *Asst. Prof. and Research Assoc. in Farm Crops.*
†A. B. Dorrance, M. S., *Asst. Agron. (Coop. U. S. D. A.: P. O., Augusta).*
*†E. E. Down, M. Agr., M. S., *Assoc. Prof. and Research Assoc. in Farm Crops.*
*†J. R. Duncan, *Instr. and Research Asst. in Farm Crops.*
†‡C. M. Harrison, Ph. D., *Research Assoc. and Specialist in Farm Crops.*
†H. L. Kohls, M. S., *Asst. in Farm Crops.*
†J. G. Lill, M. S., *Assoc. Agron. (Sugar Plant Invest.: Coop. U. S. D. A.).*
†A. R. Marston, M. S., *Research Asst. in Farm Crops.*
*†C. R. Megee, Ph. D., *Assoc. Prof. and Research Assoc. in Farm Crops.*
*†‡H. C. Moore, B. S., *Asst. Prof. and Research Assoc. in Farm Crops.*
*†H. R. Pettigrove, B. S., *Asst. Prof. and Research Asst. in Farm Crops.*

Farm Crops—Continued.

*†J. W. Thayer, Jr., M. S., *Instr. and Research Asst. in Farm Crops.*
‡G. F. Wenner, B. S., *Farm Crops Specialist.*
*†E. J. Wheeler, M. S., *Instr. and Research Asst. in Farm Crops.*

Farm Management:

*†E. B. Hill, M. Agr., M. S., *Head of Dept.*
‡H. A. Berg, M. S., *Farm Mgt. Specialist.*
†J. C. Doneth, B. S., *Farm Mgt. Specialist.*
*Irvin Holmes, B. A., *Lect. in Farm Mgt.*
‡C. O. May, M. S., *Farm Mgt. Specialist.*
†H. B. Taylor, M. S., *Research Asst. in Farm Mgt.*
†K. T. Wright, M. S., *Research Asst. in Farm Mgt.*

Forestry:

*†P. A. Herbert, B. S., M. F., *Head of Dept.*
*W. J. Baker, M. S., *Assoc. Prof. For.*
*†A. B. Bowman, B. S., *Instr. and Asst. in For.*
‡W. I. Bull, B. S., *Ext. For.*
*M. E. Deters, M. S., *Asst. Prof. For.*
*Karl Dressel, B. S., M. F., *Asst. Prof. For.*
*A. J. Panshin, Ph. D., *Asst. Prof. For.*

Geology and Geography:

*S. G. Bergquist, Ph. D., *Head of Dept.*
*W. A. Kelly, Ph. D., *Asst. Prof. Geol.*
*P. C. Morrison, M. A., *Instr. Geog.*
*E. C. Prophet, M. A., *Asst. Prof. Geog.*
*Duncan Stewart, Jr., Ph. D., *Instr. Geol.*

Home Economics:

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*Mrs. Mabelle S. Ehlers, M. A., *Assoc. Prof. and Head of Institution Admin.*
*†Irma H. Gross,[1] Ph. D., *Assoc. Prof. and Head of Home Mgt. and Child Development.*
*Ethel G. Webb, B. S., *Assoc. Prof. and Head of Textiles, Clothing, and Related Arts.*
†Mrs. Merle M. Bray, B. S., *Asst. in Nutr.*
*Louise I. Clemens, M. S., *Instr. Institution Admin.*
‡Eleanor Cramer, B. S., *Clothing Specialist.*
*†Kathleen S. Dietrich, M. S., *Asst. Prof. and Research Asst. in Nutr.*
‡Marjorie Eastman, M. A., *Clothing Specialist.*
*Winifred S. Gettemy, Ph. B., *Assoc. Prof. Related Arts.*
*Ruth L. Godfrey, M. S., *Instr. Institution Admin.*
*Beatrice V. Grant, M. A., *Asst. Prof. Foods.*
†Ruth M. Griswold, M. S., *Research Asst. in Foods.*
*Katherine M. Hart, M. S., *Instr. Institution Admin.*
*†Jean E. Hawks, Ph. D., *Asst. Prof. and Research Asst. in Nutr.*
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‡Roberta R. Hershey, M. S., *Nutr. Specialist.*
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[1] On leave.
[2] For subject matter workers see the respective division; i. e., animal husbandry, botany and plant pathology, etc.

Home Economics—Continued.

*Mildred L. Jones, M. S., *Instr. Institution Admin.*
†Eunice E. Kelly, M. S., *Research Asst. in Home Econ.*
*Mary Lewis, M. S., *Instr. Nutr. and Home Mgt.*
*Ruth Lindquist, Ph. D., *Asst. Prof. Child Development.*
‡Alice McKinney, B. S., *Home Furnishing Specialist.*
*Sylvia L. Medsker, M. A., *Asst. Prof. Foods.*
*Catherine G. Miller, M. A., *Instr. Child Development.*
*Dorothy L. Moore, M. S., *Asst. Prof. Foods and Nutr.*
‡Helen Noyes, M. S., *Home Mgt. Specialist.*
‡Julia Pond, M. A., *Home Mgt. Specialist.*
‡Gertrude A. Reis, M. S., *Home Furnishing Specialist.*
*Irene J. Shaben, M. A., *Instr. Related Arts.*
*Helen F. Simmonds, M. A., *Instr. Textiles, Clothing, and Related Arts.*
*Ruth Smith, M. A., *Instr. Textiles, Clothing, and Related Arts.*
*Hazel B. Strahan, Ph. B., M. S., *Asst. Prof. Clothing.*
‡Helen A. Strow, M. S., *Home Econ. Specialist (P. O., Marquette).*
*Mrs. Martha Summers, *Asst. in Institution Admin.*
*Julia F. Tear, M. S., *Asst. Prof. Textiles and Related Arts.*
*Margaret E. Whittaker, M. S., *Asst. Prof. Nutr.*
*Alberta Young, M. S., *Instr. Foods and Nutr.*

Horticulture:

Director Gardner *in charge.*
†H. A. Cardinell, B. S., *Research Assoc. in Hort.*
*†J. W. Crist, Ph. D., *Assoc. Prof. and Research Assoc. in Hort.*
†H. P. Gaston, M. S., *Research Asst. in Hort.*
†F. N. Hewetson, M. S., *Research Asst. in Hort.*
‡H. D. Hootman, *Hort. Specialist.*
*†‡R. H. Kelty, B. S., *Asst. Prof. and Research Asst. in Apiculture.*
†‡J. C. Kremer, *Asst. in Apiculture.*
*‡P. R. Krone, B. S., *Instr. and Flor. Specialist.*
*†R. E. Loree, M. S., *Asst. Prof. and Research Asst. in Hort.*
*†‡C. H. Mahoney, Ph. D., *Asst. Prof. and Rescarch Assoc. Hort.*
*†R. E. Marshall, Ph. D., *Prof. Pomol.; Research Assoc. Hort.*
†‡T. A. Merrill, M. S., *Research Asst. and Specialist in Pomol.*
†N. L. Partridge, Ph. D., *Research Asst. in Hort.*
†E. J. Rasmussen, M. S., *Research Assoc. in Hort.*
*†H. L. Seaton, M. S., *Instr. and Research Asst. in Hort.*
*†C. E. Wiledon, M. S., *Asst. Prof. and Research Asst. Hort. (Flor.).*

Journalism and Publications:

*†‡A. A. Applegate, M. A., *Head of Dept.*
‡R. J. Coleman, A. B., B. M., *Radio Specialist.*
†‡J. G. Duncan, B. S., *Asst. Bull. Editor.*
*L. H. Geil, M. A., *Instr. Journalism.*
‡W. E. Laycock, *Photog.*
†‡E. B. Swingle, B. S., *Asst. Editor.*

Landscape Architecture:

*C. P. Halligan, B. S., *Head of Dept.*
*C. W. Barr, B. S., *Asst. Prof. Landsc. Arch.*
‡O. I. Gregg, B. S., *Landsc. Gard. Specialist.*

Physics:

*C. W. Chapman, A. B., B. S., *Head of Dept.*
*C. W. Chamberlain, Ph. D., LL. D., *Prof. Phys.*
*S. H. Dwight, M. S., *Instr. Phys.*
*C. D. Hause, Ph. D., *Instr. Phys.*
*W. G. Keck, M. S., *Instr. Phys.*
*C. W. Miller, A. B., *Instr. Phys.*
*S. Elisabeth Morrison, B. S., *Instr. Phys.*
*O. L. Snow, B. S., *Assoc. Prof. Phys.*

Poultry Husbandry:

*†C. G. Card, B. S., *Head of Dept.*
*F. N. Barrett, M. S., *Asst. Prof. Poultry Husb.*
*†J. A. Davidson, B. S., *Asst. Prof. and Research Assoc. in Poultry Husb.*
‡J. M. Moore, M. S., *Poultry Specialist.*
‡O. E. Shear, M. S., *Poultry Specialist.*
‡E. S. Weisner, M. S., *Poultry Specialist.*

Sociology:

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*E. M. Banzet, M. A., *Asst. Prof. Sociol.*
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Soils:

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Veterinary Science:

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*F. W. Chamberlain, B. S., D. V. M., *Prof. Comp. Anat.*
*†W. L. Chandler, Ph. D., *Asst. Prof. Bact.; Research Assoc. in Parasitol.*
*†C. F. Clark, D. V. M., *Instr. and Research Asst. in An. Path.*
*D. R. Coburn, D. V. M., *Lect. in An. Path. (Wildlife).*
*†E. D. Devereux, Ph. D., *Asst. Prof and Research Assoc. Bact.*

Veterinary Science—Continued.

*†F. W. Fabian, Ph. D., *Assoc. Prof. and Research Assoc. in Bact.*
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*E. E. Hamann, D. V. M., *Lect. in Food Hyg.*
†I. F. Huddleson, M. S., D. V. M., *Research Prof. Bact.*
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*H. E. Johnson, D. V. M., *Asst. Prof. Comp. Anat.*
‡B. J. Killham, D. V. M., *An. Path. Specialist.*
*N. W. Larkum, Ph. D., *Lect. in Immunology.*
*†W. L. Mallmann, Ph. D., *Assoc. Prof. and Research Assoc. Bact.*
†D. B. Meyer, D. V. M., M. S., *Special Agt. in Bact. (Coop. U. S. D. A.).*
*E. K. Sales, D. V. M., *Asst. Prof. Vet. Surg. and Med.*
*†L. B. Sholl, B. S., D. V. M., *Asst. Prof. and Research Asst. in An. Path.*
*†H. J. Stafseth, D. V. M., Ph. D., *Prof. and Research Assoc. in Pathogenic Bact.*
†W. W. Thompson, D. V. M., *Research Asst. in Bact.*
*W. T. Thorp, D. V. M., *Asst. in An. Path.*
*F. W. Young, D. V. M., M. S., *Instr. Comp. Anat.*

Zoology:

*†H. R. Hunt, Ph. D., *Head of Dept.*
*R. A. Fennell, Ph. D., *Instr. Zool.*

Zoology—Continued.

*B. T. Ostenson, B. A., *Instr. Zool.*
*M. D. Pirnie, Ph. D., *Asst. Prof. Zool. (P. O., Augusta).*
*J. W. Stack, M. S., *Assoc. Prof. Zool.*

Miscellaneous:

*W. A. Davenport, *Supt. of Bldgs. and Grounds.*
*†J. E. Towne, M. A., B. L. S., *Libr.*
*R. W. Tenny, B. S., *Dir. of Short Courses.*

Substations:

Dunbar Forestry Expt. Sta., *P. O., Sault Ste. Marie*—
W. F. McCulloch, M. S., *Supt.*
Graham Hort. Expt. Sta., *R. F. D. 5, Grand Rapids*—
Walter Toenjes, M. S., *Supt.*
Lake City Potato Expt. Sta., *P. O., Lake City*—
A. M. Berridge, B. S., *Supt.*
South Haven Hort. Expt. Sta., *P. O., South Haven*—
Stanley Johnston, M. S., *Supt.*
Upper Peninsula Expt. Sta., *P. O., Chatham*—
J. G. Wells, Jr., B. S., *Supt.*
B. R. Churchill, M. S., *Research Asst. in Farm Crops.*
W. K. Kellogg Demonstration Farm, *P. O., Augusta*—
C. M. McCrary, B. S., *Supt.*
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MINNESOTA

Department of Agriculture (College of Agriculture, Forestry, and Home Economics, and the Agricultural Experiment Station) of the University of Minnesota, *University Farm, St. Paul*

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*L. D. Coffman, Ph. D., LL. D., *President of University (P. O., Minneapolis).*
*†W. C. Coffey, M. S., LL. D., *Dean Dept. of Agr., Dir. of Sta.*
†‡F. W. Peck, M. S., *Vice Dir. of Sta., Dir. of Agr. Ext.*
*†E. M. Freeman, Ph. D., *Dean Coll. of Agr., For., and Home Econ.*
*†W. T. Middlebrook, B. A., M. C. S., *Comptroller.*

Agronomy and Plant Genetics:

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*†A. C. Arny, M. S., *Assoc. Prof. Agron. and Plant Genetics; Assoc. Agron.*
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Animal and Poultry Husbandry:

*†‡W. H. Peters, M. Agr., *Chief in An. Husb.*
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Animal and Poultry Husbandry—Contd.

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*†P. A. Anderson, B. S., *Asst. Prof. and Asst. An. Husb.*
*†T. H. Canfield, Jr., B. S., *Instr. and Asst. in Poultry Husb.*
*†R. T. Clark, Ph. D., *Instr. An. Husb.*
‡Cora E. Cooke, B. S., *Poultry Specialist.*
*†A. L. Harvey, M. S., *Asst. Prof. An. Husb.; in charge Horse Sect.*
*†D. W. Johnson, Ph. D., *Asst. Prof. and Asst. An. Husb.*
‡W. E. Morris, M. S., *An. Husb. Specialist.*
*†L. M. Winters, Ph. D., *Prof. An. Husb.; An. Breeder.*
‡H. G. Zavoral, B. S., *An. Husb. Specialist.*

Biochemistry (Agr.):

*†R. A. Gortner, Ph. D., D. Sc., *Chief.*
*†C. H. Bailey, Ph. D., *Prof. Agr. Biochem.; Agr. Biochem. in charge Cereal Tech.*
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*†Cornelia Kennedy, Ph. D., *Assoc. Prof. and Asst. Agr. Biochem.*
*M. A. Lauffer, Jr., M. S., *Instr. Agr. Biochem.*

[1] On leave.

Biochemistry (Agr.)—Continued.

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†J. W. Nelson, M. S., *Anal. Chem.*
*†L. S. Palmer, Ph. D., *Prof. Agr. Biochem.; Dairy Chem.*
*H. C. Reitz, M. S., *Instr. Agr. Biochem.*
*†C. F. Rogers, M. S., *Instr. and Asst. in Agr. Biochem.*
*†W. M. Sandstrom, Ph. D., *Asst. Prof. and Asst. Agr. Biochem.*
*R. C. Sherwood, Ph. D., *Asst. Prof. Agr. Biochem.*
*†G. S. Taylor, A. B., *Instr. Agr. Biochem.; Analyst.*

Botany—See **Plant Pathology.**

Dairy Husbandry:

*†J. B. Fitch, M. S., *Chief.*
*†W. B. Combs, M. A., *Prof. Dairy Husb.; in charge Dairy Prod.*
*†N. N. Allen, Ph. D., *Instr. Dairy Husb.; Supt. Official Testing.*
*†S. T. Coulter, Ph. D., *Asst. Prof. and Asst. in Dairy Prod.*
*†T. W. Gullickson, Ph. D., *Asst. Prof. and Asst. Dairy Husb.*
‡E. A. Hanson, B. S., *Dairy Specialist.*
‡Ramer Leighton, B. S., *in charge Dairy Herd Improvement Work.*
*†Harold Macy, Ph. D., *Prof. Dairy Bact.; Dairy Bact.*
*†F. E. Nelson, Ph. D., *Instr. and Asst. in Dairy Husb.*
*†W. E. Petersen, Ph. D., *Assoc. Prof. and Assoc. Dairy Husb.*
‡H. R. Searles, B. S., *Dairy Specialist.*

Economics (Agr.):

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*†L. B. Bassett, *Assoc. Prof. and Assoc. Agr. Econ.*
‡S. B. Cleland, M. S., *Farm Mgt. Specialist.*
*†R. W. Cox, Ph. D., *Asst. Prof. and Asst. Agr. Econ.*
‡D. C. Dvoracek, B. S., *Mktg. Specialist.*
*†E. C. Johnson, Ph. D., *Assoc. Prof. and Assoc. Agr. Econ.*
*E. F. Koller, M. A., *Instr. Agr. Econ.*
†R. H. Loreaux, B. S., *Route Statistician.*
*P. M. Lowe, M. A., *Instr. Agr. Econ.*
‡J. B. McNulty, M. A., *Ext. Econ., Farm Mgt.*
*†R. W. Murchie, Ph. D., *Prof. Rural Sociol.; Dir. Social Research.*
*†G. A. Pond, Ph. D., *Assoc. Prof. and Assoc. in Agr. Econ.*
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†H. C. Trelogan, M. S., *Asst. Agr. Econ.*
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‡S. T. Warrington, M. A., *Ext. Econ.*

Editorial—See **Publications and Journalism.**

Education (Agr.): [1]

*A. M. Field, Ph. D., *Assoc. Prof. Agr. Ed.*
*V. E. Nylin, M. S., *Instr. Agr. Ed.*

Engineering (Agr.):

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*†‡C. H. Christopherson, M. A., *Instr. and Asst. in Agr. Engin.*
*†J. G. Dent, *Instr. and Asst. in Agr. Engin.*
*†O. W. Howe, B. S. A. E., *Instr. and Asst. in Agr. Engin.*

Engineering (Agr.)—Continued.

*†P. W. Manson, B. S. in C. E., *Instr. and Lab. Asst. in Agr. Engin.*
*†J. H. Neal, M. S., A. E., *Asst. Prof. Agr. Engin.; Asst. in Reclamation.*
*†L. W. Neubauer, M. S. C. E., M. S., *Instr. Agr. Engin.; Asst. in Farm Bldgs.*
*†H. B. Roe, M. S., C. E., *Prof. Agr. Engin.; in charge Drainage.*
*†A. J. Schwantes, M. S., *Assoc. Prof. and Assoc. Agr. Engin.*
*†M. J. Thompson, M. S., *Assoc. Prof. in charge Land Clearing Invest. (P. O., Duluth).*
*†J. B. Torrance, B. S., *Asst. Prof. Agr. Engin.; in charge Sect. of Farm Mech.*
*†A. G. Tyler, B. S., M. E., *Asst. Prof. and Asst. in Agr. Phys.*
*†H. B. White, M. S., *Asst. Prof. and in charge Sect. of Farm Bldgs.*
‡L. P. Zimmerman, B. E. E., *Agr. Engin. Specialist.*

Entomology and Economic Zoology:

*†W. A. Riley, Ph. D., D. Sc., *Chief.*
*†A. G. Ruggles, M. A., *Prof. Econ. Ent.; Ent. (State Ent.).*
*†T. L. Aamodt, B. S., *Instr. Ent. and Econ. Zool.; Asst. in Ent.*
*R. W. Dawson, Ph. D., *Asst. Prof. Ent. and Econ. Zool.*
*†A. A. Granovsky, Ph. D., *Assoc. Prof. Ent. and Econ. Zool.; Assoc. Ent.*
*D. M. Hatfield, M. A., *Instr. Ent. and Econ. Zool.*
*M. H. Haydak, Ph. D., *Instr. Ent. and Econ. Zool.*
*†A. C. Hodson, Ph. D., *Instr. and Asst. in Ent. and Econ. Zool.*
*†R. T. King, M. S., *Instr. Ent. and Econ. Zool.; Asst. in Vertebrate Zool.*
*†C. E. Mickel, Ph. D., *Assoc. Prof. Ent. and Econ. Zool.; Curator.*
*‡H. L. Parten, B. S., *Instr. Ent. and Econ. Zool., Ext. Ent.*
*†H. H. Shepard, Ph. D., *Asst. Prof. and Asst. Ent.*
*†M. C. Tanquary, Ph. D., *Prof. Apiculture; Apiculturist.*

Extension (Admin.): [2]

Director Peck *in charge.*
‡J. F. Kuehn, *Asst. to Dir.*
‡F. J. Brown, B. S., *Asst. Dir. and Dist. County Agt. Leader.*
‡L. A. Churchill, B. S., *State County Agt. Leader.*
‡A. E. Engebretson, M. S., *Dist. County Agt. Leader.*
‡C. L. McNelly, B. S., *Dist. County Agt. Leader.*
‡Julia O. Newton, B. A., *State Home Dem. Leader.*
‡T. A. Erickson, B. A., *State Club Leader.*
‡R. H. Giberson, B. S., *Dist. Club. Agt.*
‡A. J. Kittleson, *State Club Agt.*
‡H. A. Pflughoeft, B. S., *Dist. Club Agt.*
‡Mildred Schenck, B. S., *State Club Agt.*
‡Amy Wessel, B. S., *State Club Agt.*

Forestry:

*†Henry Schmitz, Ph. D., *Chief.*
*†J. H. Allison, Ph. B., M. F., *Prof. and Assoc. For.*
‡P. O. Anderson, B. S., *For. Specialist.*

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[1] Courses given in College of Education.
[2] For subject-matter workers see the respective division; i. e., agronomy and plant genetics, animal and poultry husbandry, etc.

Forestry—Continued.

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., animal husbandry, botany, etc.

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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*K. H. Lewis, M. S., *Instr. Bact.*
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[1] For subject matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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*†A. L. Prince, M. S., *Assoc. Prof. Soils; Asst. Soil Chem.*
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Miscellaneous:

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*T. D. Pitts, B. S., *Asst. to Dir. of Resident Instr.*
*Clara M. Chandler, *Secy. and Registrar Short Courses.*
*G. A. Osborn, A. M., *Libr.*
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Agronomy—See **Soils and Crops.**

Animal Husbandry:

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†Charles Triblehorn, *Research Foreman in An. Husb.*

Chemistry:

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†F. C. Button, M. S., *Assoc. in Dairy Mfrs.*
†Fred Gauntt, *Research Foreman in Dairying.*
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†Carl Ilg, *Lab. Asst.*
†T. D. Mulhern, *Ditching Engin., Mosquito Control Work.*
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Horticulture:

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†H. G. Bailey, *Research Foreman in Oler.*
†H. M. Biekart, B. S., *Asst. Ornamental Hort.*
†Leland Burkhart, Ph. D., *Assoc. Biochem. in Hort.*
†J. H. Clark, M. S., *Assoc. Pomol.*
†C. H. Connors, Ph. D., *Ornamental Hort.*
†R. B. Farnham, B. S., *Assoc. Ornamental Hort.*
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†C. S. Platt, M. S., *Assoc. Poultry Husb.*

Seed Analysis:

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†Sadie L. Boyce, *Asst. Seed Analyst.*
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†Jane Pipes, B. S., *Research Asst.*
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†H. B. Sprague, Ph. D., *Agron.*
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Water and Sewage Research:

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†A. F. Stout, *Farm Mgr.*

Substations:

Cranberry Sta., *P. O., Pemberton*—
C. S. Beckwith, M. S., *in charge.*
North Jersey Branch Sta., *P. O., Sussex*—
H. H. Tucker, M. S., *in charge.*
Oyster Research Lab., *P. O., Bivalve*—
L. A. Stauber, M. S., *in charge.*
Poultry Pathology Lab., *P. O., Vineland*—
J. J. Black, D. V. M., *in charge.*

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[1] On leave.

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*†W. E. Watkins, M. S., *Nutr. Chem. and Assoc. in An. Husb.*

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*†P. W. Cockerill, M. S., *Actg. Prof. Agr. Econ.; Agr. Econ.*
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‡Mrs. Ivy G. Yoast, *Editor and Secy.*
‡Mrs. Virginia P. Hynes, B. S., *Asst. Editor.*

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‡W. A. Wunsch, B. S., *Asst. Dir.*
‡H. L. Hildwein, B. S., *County Agt. Leader.*
‡Veda A. Strong, B. S., *State Home Agt.*
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*Margaret A. O'Loughlin, M. S., *Prof. Home Econ.*
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Miscellaneous:

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Substations:

Tucumcari Field Sta., *P. O., Tucumcari*—
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[2] Courses given in School of General Science.

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*A. C. King, B. S., *Prof. Farm Pract. and Farm Superintendence.*
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†Wilber Secor, B. S., *Asst. Soil Surveyor.*
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†E. V. Staker, Ph. D., *Asst. Prof. Soil Tech.*
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*Ruth A. Petry, A. B., *Asst. in Bot.*
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[1] All members of the college faculty do experimental work as required, retaining their academic titles.
[2] On leave.

Drawing (Agr.):

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*†M. P. Catherwood, Ph. D., *Prof. Business Mgt.*
‡L. C. Cunningham, Ph. D., *Ext. Asst. Prof. Farm Mgt.*
‡W. M. Curtiss, Ph. D., *Ext. Instr. Farm Mgt.*
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‡V. B. Hart, Ph. D., *Ext. Prof. Farm Mgt.*
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Editorial—See **Publication.**

Education (Rural):

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*Ethel L. Cowles, B. S., *Instr. Rural Ed.*
*Mrs. Frances M. Dwyer, Ph. D., *Instr. Rural Ed.*
*T. H. Eaton, Ph. D., *Prof. Rural Ed.*
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Education (Rural)—Continued.

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*E. L. Arnold, M. S., *Instr. Agr. Engin.*
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*P. P. Kellogg, B. S., *Instr. Ornith.*
†C. G. Lincoln, B. S., *Research Instr. Ent.*
*†G. F. MacLeod, Ph. D., *Asst. Prof. Econ. Ent.*
*†Robert Matheson, Ph. D., *Prof. Econ. Ent.*
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[2] For subject matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] On leave.

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Veterinary Science—See **Animal Pathology and Hygiene.**

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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*‡C. E. Lively, Ph. D., *Assoc. Prof. Rural Econ.*[1]
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[1] See also experiment station staff.

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*L. B. Fidler, M. A., *Instr. Agr. Ed.* (*P. O., Canal Winchester*).
*C. F. Flickinger, B. S., *Instr. Agr. Ed.* (*P. O., Hilliards*).
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*A. C. Kennedy, M. S., *Instr. Agr. Ed.* (*P. O., Reynoldsburg*).
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*R. C. Miller, B. S., *Prof. Agr. Engin.*[1]
*‡V. L. Overholt, B. S., *Prof. Agr. Engin. and Agr. Engin. Specialist.*[1]
*C. O. Reed, B. S., *Prof. Agr. Engin.*[1]

Entomology—See **Zoology.**

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‡Thelma Beall, B. S., *Home Mgt. Specialist.*
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*Hazel H. Huston, M. A., *Asst. Prof. Home Econ.*
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[1] See also experiment station staff.
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[1] See also experiment station staff.

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Agronomy—Continued.

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*J. A. Burrows, Ph. D., *Assoc. Prof. Chem.*

Chemistry—Continued.

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*Ruth M. Gerber, M. S., *Asst. Prof. Chem.*
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†Ruth E. Reder, Ph. D., *Assoc. in Agr. Chem. Research.*
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*H. M. Trimble, Ph. D., *Prof. Chem.*
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*†T. R. Hedges, M. S., *Asst. Prof. Agr. Econ.; Invest. in Prices and Credits.*
‡E. D. Hunter, B. S., *Asst. Ext. Econ., Farm Mgt.*
‡A. W. Jacob, B. S., *Ext. Econ., Mktg.*
*†A. L. Larson, M. S., *Asst. Prof. and Asst. in Agr. Econ.*
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Editorial—See **Journalism.**

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Entomology—Continued.

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*G. A. Moore, M. S., *Asst. Prof. Zool.*
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‡Mrs. Elva R. Duvall, *Asst. State Club Agt.*
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‡Burl Winchester, B. S., *Asst. State Boys' Club Agt.*

Home Economics:

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*Florence L. Lytle, M. A., *Prof. and Head Dept. of Home Econ. Ed.*
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*Daisy I. Purdy, Ph. D., *Prof. and Head Dept. of Household Sci.*
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*Mary B. Carter, M. A., *Assoc. Prof. Household Sci.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[2] On leave.

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ECONOMICS (Agr.)—Continued.

Economics—Continued.

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*†Henry Hartman, M. S., *Prof. Hort.; in charge Research Hort. (Pomol.).*
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PLANT INDUSTRIES—Continued.

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Editorial—See **Journalism.**

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[1] On leave.
[2] For subject-matter workers see the respective division, i. e., animal industries, etc.

Home Economics—Continued.

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*Ethel E. Allen, B. S., *Asst. Editor.*
*†‡J. C. Burtner, B. S., *Assoc. Dir. News Service, Ext. Editor.*
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Harney Branch Expt. Sta., *P. O., Burns*—
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Hood River Branch Expt. Sta., *P. O., Hood River*—
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Branch Stations—Continued.

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Medford Branch Expt. Sta., *P. O., Medford*—
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R. A. Work, B. S., *Assoc. Irrig. Engin. (Coop. U. S. D. A.).*
Pendleton Branch Expt. Station, *P. O., Pendleton*—
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*†C. E. Myers, Ph. D., *Prof. Plant Brdg.*
*†E. I. Wilde, Ph. D., *Prof. Ornamental Hort.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Bacteriology—Continued.

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*W. E. Grainger, B. S., *Instr. Chem.*
*A. D. Melaven, Ph. D., *Instr. Chem.*
*J. H. Robertson, Ph. D., *Prof. Chem.*
†Brooks Robinson, B. S., *Asst. Soil Chem.*
†K. B. Sanders, M. S., *Asst. Soil Chem.*
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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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*Winifred Reynolds, M. S., *Instr. Child Development.*
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*Ellen E. Reddick, B. S., *Home Econ.*
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*F. C. Bolton, M. S., LL. D., *Dean of Coll.*
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Agronomy—Continued

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*H. R. Brayton, M. S., *Prof. Inorg. Chem.*
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†Velma Graham, *Asst. Chem.*
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[1] On leave.

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*Henry Ross, M. S., *Prof. Agr. Ed.*
*W. R. Sherrill, B. S., *Instr. Agr. Ed.*
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‡J. W. Chapman, *Soil Conserv. Work.*
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†J. C. Gaines, Jr., M. S., *Ent.*
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‡Mildred F. Horton, *Vice Dir. and State Home Dem. Agt.*
‡G. E. Adams, *Asst. State Agt.*
‡Bess Edwards, B. S., *Asst. State Home Dem. Agt.*
‡Onah Jacks, B. S., *State Girls' Club Agt.*
‡L. L. Johnson, *State Boys' Club Agt.*
‡D. L. Weddington, *Executive Asst.*
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‡A. L. Smith, B. S., *Admin. Officer in charge Agr. Conserv. Program.*
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‡Lester Young, B. S., *Asst. Field Officer, Agr. Conserv. Program.*

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†James Sullivan, *Asst. Chief.*
†J. K. Francklow, *Insp.*
†K. L. Kirkland, B. S., *Insp.*
†P. A. Moore, *Insp.*
†S. D. Pearce, *Secy.*
†S. D. Reynolds, Jr., *Insp.*
†J. H. Rogers, *Insp.*
†H. G. Wickes, B. S., D. V. M., *Insp.*
†E. J. Wilson, B. S., *Insp.*

Forestry:[3]

*E. O. Siecke, B. A., B. S. F., *Dir. and State For.*
*D. A. Anderson, B. S. F., *Asst. For. (P. O., Lufkin).*
*R. F. Balthis, B. S. F., M. S., *Regional For. (P. O., Kirbyville).*
*M. E. Brashears, B. S. F., *Div. Patrolman (P. O., Rusk).*
*J. O. Burnside, B. S. F., *Asst. For. (P. O., Lufkin).*
*E. J. Downey, B. S. F., *Asst. For.*
*S. L. Frost, B. S. F., M. A., *Asst. For.*
*I. H. Jones, B. S. F., *Chief Div. of For. Mgt.*
*B. Koontz, B. S., *Asst. For.*
‡C. W. Simmons, M. F., *Ext. Farm For.*
*W. E. White, B. S., *Chief Div. For. Protection (P. O., Lufkin).*

Genetics:

*E. P. Humbert, Ph. D., *Head Prof. Genetics.*
*C. B. Godbey, M. S., *Prof. Genetics.*
*J. H. Quisenberry, Ph. D., *Assoc. Prof. Genetics.*

Geology:

*C. L. Baker, M. A., *Head Prof. Geol.*
*F. A. Burt, M. S., *Assoc. Prof. Geol.*
*S. S. Goldich, Ph. D., *Instr. Geol.*
*F. E. Turner, Ph. D., *Asst. Prof. Geol.*

Home Economics:

†Jessie Whitacre, Ph. D., *Chief Div. of Rural Home Research.*
‡Mrs. Dora R. Barnes, M. S., *Clothing Specialist.*
‡Mrs. Maggie W. Barry, M. A., *Ext. Sociol. (Rural Women's Organ.).*
‡Lola Blair, B. S., *Foods and Nutr. Specialist.*
‡Mrs. Isla M. Chapman, *Home Indus. Specialist.*
‡Mrs. Bernice Claytor, B. S., *Home Improvement Specialist.*
†Sylvia Cover, Ph. D., *Foods Specialist.*
‡Lula M. Dilworth, *Food Preparation Specialist.*
†Mary A. Grimes, M. S., *Textiles and Clothing Specialist.*
‡Grace I. Neely, M. A., *Food Preservation Specialist.*

Horticulture:

†S. H. Yarnell, Sc. D., *Chief of Div.*
*G. W. Adriance, Ph. D., *Head Prof. Hort.*
*F. W. Hensel, Jr., M. S., *Head Prof. Landsc. Art.*
*F. R. Brison, M. S., *Assoc. Prof. Hort.*
†W. S. Flory, Jr., Ph. D., *Hort.*
‡Sadie Hatfield, M. A., *Ext. Landsc. Gard.*
*N. M. McGinnis, B. S., *Prof. Landsc. Art.*
‡J. F. Rosborough, B. S., *Ext. Hort.*

Plant Pathology and Physiology:

†J. J. Taubenhaus, Ph. D., *Chief of Div.*
†G. E. Altstatt, M. S., *Plant Path.*
†L. M. Blank, Ph. D., *Assoc. Plant Path. (Coop. U. S. D. A.).*

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[1] On leave.
[2] For subject matter workers see the respective division; i. e., agronomy, animal industry, etc.
[3] Texas Forest Service.

Plant Pathology and Physiology—Con.

†G. T. Boyd, B. S., *Asst. Plant Path.*
†W. N. Ezekiel, Ph. D., *Plant Path.*
†G. A. Greathouse, Ph. D., *Assoc. Plant Physiol.* (*Coop. U. S. D. A.*).
†C. H. Rogers, Ph. D., *Plant Path.* (*P. O., Temple*).
†G. M. Watkins, Ph. D., *Plant Path.*
†P. A. Young, Ph. D., *Plant Path.* (*P. O., Jacksonville*).

Publications:

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‡Mrs. Minnie F. Cunningham, Ph. G., *Ext. Editor.*
‡L. J. Franke, B. S., *Ext. Asst. Editor.*

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*D. R. Davis, M. S., *Instr. Rural Sociol.*

Soil Survey:

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†J. W. Huckabee, B. S., *Soil Surveyor* (*P. O., Eagle Pass*).
†I. C. Mowery, B. S., *Soil Surveyor* (*P. O., Bonham*).
†H. M. Smith, B. S., *Soil Surveyor* (*Coop. U. S. D. A.: P. O., Eagle Pass*).
†E. H. Templin, B. S., *Soil Surveyor* (*Coop. U. S. D. A.: P. O., Bonham*).

Veterinary Science:

†H. Schmidt, D. V. M., *Chief of Div.*
*R. P. Marsteller, D. V. M., *Head Prof. Vet. Med. and Surg. Actg. Dean School of Vet. Med.*
*P. W. Burns, B. S., D. V. M., *Head Prof. Vet. Physiol. and Pharmacol.*
*R. C. Dunn, D. V. M., *Prof. Vet. Med. and Surg.*
*G. T. Edds, B. S., D. V. M., *Instr. Vet. Physiol. and Pharmacol.*
*A. A. Lenert, B. S., D. V. M., *Prof. Vet. Med.*
†F. P. Mathews,[1] D. V. M., M. S., *Vet. in charge Loco Invest. Lab.* (*Coop. U. S. D. A.: P. O., Alpine*).
*J. H. Milliff, M. S., D. V. M., *Instr. Vet. Path.*
*H. W. Sawyer, D. V. M., *Asst. Prof. Vet. Anat.*
*H. B. Thaxton, D. V. M., *Instr. Vet. Anat.*
†R. D. Turk, D. V. M., *Asst. Vet.*
*A. E. Wharton, D. V. M., *Assoc. Prof. Vet. Path.*
†T. W. Workman, D. V. M., Ph. D., *Vet.*

Miscellaneous:

†Howard Berry, B. S., *Tech. Asst.*
‡Mrs. Lilla G. Bryan, *Ext. Libr.*
†Chester Higgs, *Executive Asst.*
†M. P. Holleman, *Chief Clerk.*
*T. F. Mayo, Ph. D., *Libr.*
†Clarice Mixson, B. A., *Secy.*

Substations:

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H. M. Reed, B. S., *Hort.*
Balmorhea (No. 9)—
J. J. Bayles, B. S., *Supt.*
Beaumont (No. 4)—
R. H. Wyche, B. S., *Supt.*
H. M. Beachell, B. S., *Asst. Agron.* (*Rice Prod. and Brdg.: Coop. U. S. D. A.*).
Beeville (No. 1.)—
R. A. Hall, B. S., *Supt.*
Chillicothe (No. 12)—
J. R. Quinby, M. S., *Supt.* (*Coop. U. S. D. A.*).
J. C. Stephens, M. A., *Asst. Agron.* (*Coop. U. S. D. A.*).
College Station (No. 10)—
R. M. Sherwood, M. S., *An. Husb. in charge.*
L. J. McCall, *Farm Supt.*
Denton (No. 6)—
P. B. Dunkle, M. S., *Supt.*
I. M. Atkins, B. S., *Asst. Agron.* (*Wheat and Oat Prod. and Brdg.: Coop. U. S. D. A.*).
Iowa Park (No. 16)—
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L. E. Brooks, B. S., *Hort.*
Lubbock (No. 8)—
D. L. Jones, *Supt.*
Frank Gaines, *Irrig. and For. Nurseryman.*
Nacogdoches (No. 11)—
H. F. Morris, M. S., *Supt.*
Sonora (No. 14)—
W. H. Dameron, B. S., *Supt.*
O. G. Babcock, B. S., *Asst. Ent.* (*Coop. U. S. D. A.*).
I. B. Boughton, D. V. M., *Vet.* (*Sheep and Goat Disease Invest.*).
O. L. Carpenter, *Shepherd.*
W. T. Hardy, D. V. M., *Vet.*
Spur (No. 7)—
R. E. Dickson, B. S., *Supt.* (*Coop. U. S. D. A.*).
C. E. Fisher, M. S., *Asst. Soil Conserv.* (*Coop. U. S. D. A.*).
B. C. Langley, M. S., *Agron.* (*Coop. U. S. D. A.*).
Temple (No. 5)—
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E. B. Deeter, B. S., *Sci. in Soil Erosion* (*Coop. U. S. D. A.*).
P. L. Hopkins, B. S., *Junior Engin.* (*Coop. U. S. D. A.*).
Tyler (No. 2)—
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S. J. Mech, B. S., *Junior Agr. Engin.* (*Coop. U. S. D. A.*).
J. C. Ratsek, Ph. D., *Hort.* (*Rose Disease Invest.*).
Weslaco (No. 15)—
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S. W. Clark, B. S., *Ent.*
G. H. Godfrey, Ph. D., *Plant Path.*
J. L. Heid, B. S., *Chem.* (*Citrus Products Lab.: Coop. U. S. D. A.*).
J. F. Wood, B. S., *Hort.*
Winter Haven (No. 19)—
E. Mortensen, B. S., *Supt.*
L. R. Hawthorn, M. S., *Hort.* (*Coop. U. S. D. A.*).

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*L. A. Potts, M. S., *Dir. Div. of Agr.*

*J. M. Alexander, M. S., *Assoc. Prof. An. Husb.*
*Essie J. Anderson, A. M., *Assoc. Prof. Child Care.*
*O. J. Baker, B. L. S., *Libr.*
*C. H. Banks, B. S., *Itinerant Teacher Trainer.*
*Huldah Bryant, B. S., *Instr. Foods and Nutr.*
*Mildred L. Collins, M. A., *Assoc. Prof. Clothing.*
*E. B. Evans, D. V. M., *Assoc. Prof. Vet. Med. and Assoc. Dir. of Agr.*
*W. R. Harrison, M. S., *Asst. Prof. Rural Econ.*
*Elizabeth C. May, M. S., *Dir. Div. of Home Econ.*
*Mrs. Geneva C. Peters, M. S., *Assoc. Prof. Foods and Nutr.*
*Mayme L. Powell, M. S., *Assoc. Prof. Clothing.*
*Mrs. Addie L. Ross, M. S., *Instr. Home Econ. Ed.*
‡Mrs. Iola W. Rowan, B. S., *State Home Dem. Agt.*
*G. L. Smith, B. S., *Instr. Fruit Growing.*
*H. E. Thompson, B. S., *Instr. Hort.*
‡C. H. Waller, B. S., *State Leader in Ext. Work.*
*Harrison Watson, *Farm Supt.*
‡J. H. Williams, B. S., *Club Boy Adviser.*

UTAH

Utah State Agricultural College and the Agricultural Experiment Station, *Logan*

*College faculty. †Station staff. ‡Extension staff.

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†Lowry Nelson, Ph. D., *Dir. of Expt. Sta.*
‡William Peterson, B. S., *Dir. of Ext. Div.*
——— ———, *Dean Schools of Agr. and For.*
*†‡R. E. Berntson, *Secretary-Treasurer.*

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*†R. J. Evans, Ph. D., *Prof. Agron.; Agron.*
*†A. F. Bracken, M. A., *Assoc. Prof. and Assoc. Agron. (P. O., Nephi).*
†D. S. Jennings, Ph. D., *Assoc. Agron.*
‡J. C. Hogenson, M. S., *Ext. Agron.*
*†D. W. Pittman, M. S., *Prof. Soils; Assoc. Agron.*
*†D. C. Tingey, M. A., *Assoc. Prof. and Assoc. Agron.*
†R. W. Woodward, M. S., *Junior Agron. (Coop. U. S. D. A.).*

Animal Husbandry:

——— ———, *Prof. An. Husb.; An. Husb.*
*B. L. Dryden, M. S., *Asst. in An. Husb.*
*†‡A. C. Esplin, B. S., *Asst. Prof. Wool Mgt.; Assoc. An. Husb.*
*†M. A. Madsen, B. S., *Instr. Sheep Husb.; Asst. An. Husb.*
*†H. H. Smith, M. S., *Assoc. Prof. and Assoc. An. Husb.*

Bacteriology and Biochemistry:

*†J. E. Greaves, Ph. D., *Prof. Bact. and Biochem.; Chem. and Bact.*
*E. G. Carter, M. S., D. P. H., *Prof. Pub. Health and Physiol.*
*C. L. Anderson, D. P. H., *Asst. Prof. Pub. Health and Physiol.*
*†K. R. Stevens, Ph. D., *Asst. Prof. and Asst. Bact.*

Botany and Plant Pathology:

*†B. L. Richards,[1] Ph. D., *Prof. Bot. and Plant Path.; Bot. and Plant Path.*
†H. L. Blood, Ph. D., *Plant Path. (Coop. U. S. D. A.).*
*Bassett Maguire, B. S., *Asst. Prof. Bot.*
*†F. B. Wann, Ph. D., *Assoc. Prof. and Assoc. Plant Physiol. (Coop. U. S. D. A.).*

Chemistry:

*†R. L. Hill, Ph. D., *Prof. Chem.; Human Nutr.*
*†C. T. Hirst, M. S., *Assoc. Prof. and Assoc. Chem.*
*Sherwin Maeser, Ph. D., *Prof. Chem.*

Dairy Husbandry and Manufacturing:

*†‡G. B. Caine, A. M., *Prof. Dairy Husb.; Dairy Husb.*
†G. Q. Bateman, B. S., *Asst. Dairy Husb. and Supt. Dairy Expt. Farm (Coop. U. S. D. A.).*
*‡A. J. Morris, M. S., *Assoc. Prof. and Specialist in Dairy Mfg.*
‡L. H. Rich, M. S., *Ext. Dairyman.*

Economics (Agr.) and Marketing:

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*†G. T. Blanch, M. S., *Assoc. Prof. and Assoc. Agr. Econ.*
*†H. H. Cutler, M. S., *Asst. Prof. and Asst. Agr. Econ.*
*†W. U. Fuhriman, B. S., *Assoc. Prof. and Assoc. Agr. Econ.*
*†J. A. Geddes, Ph. D., *Prof. Sociol.; Assoc. Rural Sociol.*
*W. L. Wanlass, Ph. D., *Prof. Econ. and Mktg.*
‡O. J. Wheatley, Ph. D., *Ext. Econ., Farm Mgt.*

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†Mrs. Gladys L. Harrison, A. B., *Editor and Libr.*

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——— ———, *Dean School of Engin. Prof. Engin.*
*†O. W. Israelsen, Ph. D., *Prof. and in charge Irrig. and Drainage.*
*†G. D. Clyde, M. S., *Prof. Engin.; Irrig. and Drainage Engin. Actg. Dean.*
*H. R. Kepner, C. E., M. S., *Assoc. Prof. Engin.*

[1] On leave.

Entomology—See **Zoology.**

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‡Mrs. Rena B. Maycock,[2] *Asst. Dir. for Home Econ.*
‡Myrtle Davidson, B. S., *State Home Dem. Leader.*
‡D. P. Murray, B. S., *State Boys' and Girls' Club Leader.*
‡Fern Shipley, B. S., *Asst. State Boys' and Girls' Club Leader.*

Forestry:

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*G. H. Barnes, M. S. F., *Asst. Prof. For.*
*‡J. W. Floyd, B. S., *Asst. Prof. and Ext. For.*
*H. H. Hoyt, B. S., *Asst. Prof. For.*
*R. P. McLaughlin, M. F., Ph. D., *Assoc. Prof. For.*
†D. I. Rasmussen, Ph. D., *Conserv. in charge Wildlife Mgt. (Coop. U. S. D. A.).*
*†L. A. Stoddart, Ph. D., *Prof. and Assoc. in Range Mgt.*

Geology:

*William Peterson, B. S., *Prof. Geol.*
*Lee Christensen, M. S., *Asst. Prof. Geol.*
*J. S. Williams, Ph. D., *Prof. Geol.*

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*Mrs. Christine B. Clayton,[2] M. S., *Dean of School, Prof. Foods and Dietetics.*
*Johanna Moen, B. S., *Prof. Textiles and Clothing. Actg. Dean.*
‡Ellen Agren, M. S., *Clothing Specialist.*
*Agnes Bahlert, B. S., *Instr. Foods.*
‡Mrs. Effie S. Barrows, B. S., *Ext. Econ., Home Mgt.*
*Elsa B. Bate, M. S., *Asst. Prof. Child Development.*
†Mrs. Almeda P. Brown, M. A., *Assoc. in Home Econ. Research.*
*Mrs. Alta O. Crockett, B. S., *Instr. Textiles and Clothing.*

Home Economics—Continued.

*Charlotte E. Dancy, R. N., *Asst. Prof. Physiol. and Nursing.*
*Lois Holderbaum, B. S., *Instr. Textiles.*
‡Elna Miller, M. S., *Ext. Nutr.*
*Sadie O. Morris, Ph. D., *Asst. Prof. Foods and Textiles.*
‡Hortense Snow, B. S., *Clothing Specialist.*
*Elsie M. Troeger, M. S., *Asst. Prof. Foods.*

Horticulture:

*†A. L. Wilson, Ph. D., *Prof. Hort.; Hort.*
*†F. M. Coe, M. S., *Asst. Prof. and Assoc. Hort.*
‡A. L. Stark, Ph. D., *Ext. Hort.*

Physics:

*†Willard Gardner, Ph. D., *Prof. Phys.; Physicist.*
*L. B. Linford, Ph. D., *Prof. Phys.*

Poultry Husbandry:

*†‡Byron Alder, B. S., *Prof. Poultry Husb.; Poultryman.*
*‡Carl Frischknecht, M. S., *Asst. Prof. and Asst. Ext. Poultryman.*

Veterinary Science:

*†D. E. Madsen, D. V. M., *Prof. Vet. Sci.; An. Path.*
*H. J. Frederick, D. V. M., *Prof. Vet. Sci.*

Zoology and Entomology:

*†W. W. Henderson, Ph. D., *Prof. Zool. and Ent.; Ent.*
*J. F. Christenson, Ph. D., *Instr. Zool.*
†G. F. Knowlton, Ph. D., *Assoc. Ent.*
†C. J. Sorenson, M. S., *Assoc. Ent.*
*J. S. Stanford, Ph. D., *Asst. Prof. Zool. and Ent.*

Miscellaneous:

†F. W. Fox, B. S., *Sta. Secy.*
†Edith Hayball, B. S., *Research Asst. Statistician.*
*Mary Sorenson, *Asst. Libr.*

Substations:

Davis County Substa., *P. O., Farmington*— ——— ———, *Supt.*
Nephi Dry-land Substa., *P. O., Nephi*—A. F. Bracken, M. A., *Supt.*

VERMONT

College of Agriculture and the Agricultural Experiment Station of the University of Vermont and State Agricultural College, *Burlington*

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‡J. E. Carrigan, M. A., *Dir. Agr. Ext. Service.*
*†G. P. Burns, Ph. D., *Asst. Dean Coll. of Agr., Asst. Dir. of Sta.*

Agronomy:

†A. R. Midgley, Ph. D., *Agron.*
*‡P. R. Miller, M. S., *Prof. and Ext. Agron.*
———— ————, *Asst. Agron.*

Animal Industry:

*†H. B. Ellenberger, Ph. D., *Prof. An. and Dairy Husb.; An. and Dairy Husb.*
†Alec Bradfield, M. S., *Asst. An. and Dairy Husb.*
†O. M. Camburn, M. S., *Assoc. An. and Dairy Husb.*

Animal Industry—Continued.

*M. H. Campbell, Ph. D., *Prof. Dairy Prod.*
†J. M. Frayer, M. S., *Assoc. Dairy Bact.*
*‡L. M. Greene, M. S., *Instr. Poultry Husb., Ext. Poultry Path.*
*†E. O. Herreid, Ph. D., *Asst. Prof. and Asst. in Dairy Mfg.*
‡A. W. Lohman, M. S., *Ext. Poultryman.*
‡E. H. Loveland, A. M., *Ext. Dairyman.*
*†J. A. Newlander, M. S., *Asst. Prof. and Assoc. An. and Dairy Husb.*

---

[1] For subject-matter workers see the respective division; i. e., agronomy and soils, animal husbandry, etc.
[2] On leave.

Botany and Plant Pathology:

*†G. P. Burns, Ph. D., *Prof. Bot.; Bot.*
*†B. F. Lutman, Ph. D., *Prof. Plant Path.; Plant Path.*
*†W. R. Adams, Jr., Ph. D., *Asst. Prof. and Asst. Bot.*
*E. J. Dole, Ph. D., *Assoc. Prof. Bot.*
*†Alexander Gershoy, Ph. D., *Asst. Prof. and Asst. Bot.*
†Mrs. Anna S. Lutman, Ph. B., *Seed Analyst.*
*†Winona E. Stone, M. S., *Instr. Bot.; Asst. Plant Path.*

Chemistry:

*A. B. Willmarth, A. M., M. S., *Asst. Prof. in charge Agr. Chem.*
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†E. F. Boyce, B. S., *Asst. Chem. (Regulatory).*
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†F. J. Brisson, *Asst. Chem.*
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†L. S. Walker, B. S., *Chem. (Regulatory).*

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†T. M. Adams, M. S., *Asst. Agr. Econ.*
†J. J. Dalton, M. S., *Asst. Agr. Econ.*
*‡H. C. Norcross, M. S., *Instr. and Ext. Econ., Farm Mgt.*
‡H. R. Varney, Ph. D., *Ext. Econ., Mktg.*
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Editorial:

‡H. P. Mileham, B. S., *Editor.*

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Engineering (Agr.):

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‡H. N. Stapleton, M. S., *Ext. Agr. Engin.*

Extension (Admin.): [1]

Director Carrigan *in charge.*
‡H. W. Soule, B. S., *County Agt. Leader.*

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‡Marjorie E. Luce, B. S., *State Home Dem. Leader.*
‡E. L. Ingalls, A. B., *State Club Leader.*
‡F. C. Essick, B. S., *Asst. State Club Leader.*
‡Martha E. Leighton, B. S., *Asst. State Club Leader.*

Forestry:

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‡G. W. C. Turner, M. F., *Ext. For.*

Home Economics:

*Bertha M. Terrill, A. M., *Prof. Home Econ.*
†Marianne Muse, M. S., *in charge Home Econ. Research.*
*Florence E. Bailey, M. S., *Asst. Prof. Home Econ.*
*Alice E. Blundell, M. S., *Assoc. Prof. Home Econ.*
‡Mrs. Charlotte P. Brooks, B. S., *Home Mgt. Specialist.*
*Grace Burwash, A. M., *Asst. Prof. Home Econ.*
*Alida B. Fairbanks, A. M., *Asst. Prof. Home Econ.*
†Emma G. Holmes, M. A., *Asst. in Home Econ. Research.*
‡Edna E. Sommerfeld, B. S., *Clothing Specialist.*
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*†M. B. Cummings, Ph. D., *Prof. Hort.; Hort.*
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*W. H. Behney, M. S., *Asst. Prof. Zool.*
*Flavia L. Richardson, Sc. D., *Instr. Zool.*
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VIRGINIA

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‡W. H. Daughtrey, M. S., *Ext. Asst. Agron.*
†E. M. Dunton, Jr., B. S., *Asst. Agron.*
‡H. L. Dunton, M. S., *Ext. Asst. Agron.*
†E. F. Henry, B. S., *Asst. Agron.*
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†H. C. Porter, B. S., *Asst. Agron.*
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Animal Industry:

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*E. J. Albert, *Supt. Poultry Plant.*
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‡A. L. Dean, B. S., *Ext. Poultry Husb.*
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[1] For subject matter workers see the respective division; i. e., agronomy, animal industry, etc.

Animal Industry—Continued.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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†Zola D. Roundy, Ph. D., *Asst. in Dairy Indus.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] Courses given in Division of Letters and Science.
[2] For subject-matter workers see the respective division; i. e., agronomy and economics (agr.), animal production, etc.

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Barrus, M. F., 68b.
Barry, Mrs. M. W., 94b.
Barss, H. P., II.
Bartel, A. T., 3a.
Bartel, F. O., 70a.
Bartholomew, E. T., 9b.
Bartholomew, R. P., 4a.
Bartlett, J. W., 61a, 63a.
Bartlett, K. A., 86a.
Bartlett, R. W., 22a.
Barto, H. T., 23a.
Barton, G. T., 53b.
Barton, J. R., 106b.
Barton, O. A., 73b.
Bartram, M. T., 40b.
Basherov, S., 85a.
Basinger, A. J., 7b.
Bass, Mrs. F. H., 99b.
Bass, J. J., 99b.
Bassett, L. B., 49a.
Basso, H. W., 21a.
Bastress, A. W., 3a.
Batchelder, E. L., 86b.
Batchelor, E. M., 33b.
Batchelor, H. W., 74a, 76a.
Batchelor, L. D., 6a, 8b.
Bate, E. B., 97a.
Bateman, B. A., 38a.
Bateman, G. Q., 96b.
Bateman, H. P., 22b.
Bateman, J. W., 37a.
Bateman, R. L., 45a.
Bates, A. O., 46a.
Bates, E. A., 67a.
Bates, S. D., 5b.
Batson, F. S., 52a.
Batson, H. C., 89a.
Batten, E. T., 100b.
Battey, Z. C., 5b.
Bauer, A. H., 83a.
Bauer, F. C., 21a.
Baugness, L. C., 53a.
Bausman, R. O., 14a.
Baute, E. A., 35a.
Bayer, L. D., 54b.
Baxter, L. F., 33b.
Bayfield, E. G., 76a.
Bayles, J. J., 95b.
Bayless, D. E., 35b.
Bayne, T. L., Jr., 66a.
Bazore, K., 19b.
Beach, B. A., 107a.
Beach, F. H., 75b.
Beach, G. A., 11b.
Beach, J. R., 10a.
Beach, K., 38a.
Beach, W. S., 83a.
Beachell, H. M., 95b.
Beadle, A. P., 25b.
Beadle, B. W., 32b.
Beadles, J. R., 21b.
Beal, A. E., 85b.
Beal, W. H., II.
Beale, C., 15a.
Beall, F. W., 78a.
Beall, J. A., 78a.
Beall, T., 75a.
Beam, A. L., 83a.
Beam, Mrs. M. W., 23a.
Bemmer, L. C., 99b.
Bean, R. S., 19a.
Beanblossom, F. Z., 79b.
Bear, L. K., 74a.
Beard, F. J., 27b.
Beard, W. P., 89b.
Bearer, E. V., 61b.
Bearse, G. E., 102b.
Beath, O. A., 107b.
Beattie, H. G., 69a.
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Beaty, H. H., 29a.
Beaudette, F. R., 62a, 63b.
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Bechdel, S. I., 83a.
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Becker, W. B., 43b.
Beckett, S. H., 7b.
Beckman, R. W., 30b.
Beckwith, C. S., 63a, b.
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Beede, V. A., 84a.
Beeman, M. E., 25b.
Beers, H. W., 62b.
Beery, V., 101b.
Beeskow, H. C., 45a.
Beeson, C. E., 30b.
Beeson, K. E., 24a.
Beeson, W. M., 20a.
Beggs, A. F., 60b.
Behney, W. H., 98b.
Behre, E. H., 38b.
Behrens, C. A., 24a.
Belcher, C., 15b.
Belding, H. S., 13b.
Bell, A. J., 45b.
Bell, C. E., 15a.
Bell, D. S., 76b.
Bell, E. W., 43a.
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Bell, F. N., 102a.
Fell, F. W., 32a.
Bell, J. C., 17b.
Bell, J. M., 100a.
Bell, J. P., 4a, 5a.
Bell, M. A., 56b.
Bell, R. R., 2a.
Bell, T. D., 104a.
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Bennett, C. C., 87a.
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Bennett, E. R., 20b.
Bennett, F. W., 16a.
Bennett, H. G., 77a.
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Bennett, L. S., 4a.
Bennitt, R., 55a.
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Berry, H., 95a.
Berry, L. N., 64b.
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Bissell, T. L., 18b.
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Blanch, G. T., 96b.
Blandford, J. B., 42a.
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Bond, M. C., 66a.
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Bondurant, J. H. 35b.
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Bottorff, C. A., Jr., 60b.
Bottum, J. C., 25b.
Boucher, C. S., III, 102a.
Boughton, I. B., 95b.
Bouquet, A. G. B., 80b.
Bourg, T., 38a.
Bourne, A. I., 43b.
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Bouska, F. J., 28b.
Bouyoucos, G. J., 47b.
Bowen, A. F., 70a.
Bowen, G. H., 84b.
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Boyd, G. T., 95a.
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Boyle, B. C., 46a.
Boyle, J. E., 66a.
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Boynton, D., 68a.
Boynton, W. H., 10a.
Boys, Mrs. J. A., 67b.
Boyum, H., 73a.
Brackeen, L. O., 1b.
Bracken, A. F., 96a. 97b.
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Braman, W. W., 82b.
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Brand, Mrs. M. M., 17a.
Brandly, C. A., 21b.
Brandon, Mrs. V. H., 81b.
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Brandt, P. M., 80a.
Branegan, G. A., 56a.
Brann, J. W., 106a, b.
Brannen, C. O., 4a, 5a.
Brannon, C. C., 87b.
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Branson, E. B., 54a.
Branton, C. I., 81a.
Brase, K. D., 70b.
Brashear, Mrs. V. J., 29b.
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Braucher, O. L., 9a.
Brautlecht, L. M., 13b.
Bray, C. L., 37a.
Bray, Mrs. J. L., 2a.
Bray, Mrs. M. M., 46b.
Bray, R. H., 21a.
Brayton, H. R., 93b.
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Bregger, T., 16b.
Brehm, C. E., 90a.
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Bressler, R. G., III, 86a.
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Brewer, H. V., 33b.
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Brown, W. S. (Ga.), 16a.
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David, P. R., 12b.
Davidson, A. P., 33a.
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Davidson, J. A., 47b.
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Davis, C. R., 41a.
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Davis, J. W., 104a.
Davis, L. D., 9a.
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Davis, L. S., 58a.
Davis, M. B., 81b.
Davis, Mrs. P. B., 62a.
Davis, P. O., 1a.
Davis, R. E., 16a.
Davis, R. J., 45a.
Davis, R. N., 3b.
Davis, S. P., 93a.
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Davis, W. E., 32b.
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Davis, W. S., 92a.
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Fletcher, R. K., 94a.
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Flint, O. S., 44b.
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Florence, C. W., 55a.
Flory, W. S., Jr., 94b.
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Floyd, E. V., 34b.
Floyd, E. Y., 70a.
Floyd, J. C., 38a.
Floyd, J. W., 97a.
Floyd, W. L., 14a, 15b.
Fluharty, L. W., 7a.
Fluke, C. L., Jr., 105b.
Fogleman, J. B., 98a.
Foker, A. M., 51b.
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Folken, H. G., 30b.
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Foltz, V. D., 32a.
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Ford, R. E., 11a.
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Fore, R. E., 80b.
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Forest, R. M., 81b.
Forman, L. W., 27a.
Forsberg, J. L., 10a.
Forsee, W. T., Jr., 35b.
Forster, G. W., 71a.
Fort, Mrs. G. B., 92a.
Fosberg, F. R., 19a.
Foster, B. E., 4a.
Foster, E. O., 3b.
Foster, J. D., 36b.
Foster, J. E. (Iowa), 28b.
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Foster, W. A., 22b.
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Franks, Mrs. E. B., 75a.
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Freitag, J. H., 8a.
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Hansen, N. E., 90b.
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Moon, Mrs. P. C., 17b.
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Moore, C. B., 66a.
Moore, D. L., 47a.
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Moore, F. E., 73b.
Moore, G. A., 79a.
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Moore, H. C. (Mich.), 46a.
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Moore, L. G., 79b.
Moore, Mrs. L. J. B., 104b.
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Moore, M. B., 50b.
Moore, M. G., 39b.
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Moore, P. A. (Iowa), 28a.
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Phipps, W. M., 65a.
Pickard, I. A., 26b.
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Pickett, B. S., 30a.
Pickett, F. L., 101a.
Pickett, T. A., 18a.
Pickett, W. F., 34a.
Pickrell, C. U., 3a.
Pico, F., 85a.
Pieper, J. J., 21a.
Pierce, W. H., 20b.
Piercy, P. L., 55a.
Pierre, W. H., 102a.
Pierson, E. M., 90a.
Pierson, R. K., 20b.
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Pierstorff, A. L., 74a.
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Pollinger, W. E., 56b.
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Porter, A. R., 27b.
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Potts, W. M., 93b.
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Powell, Mrs. E. D., 53b.
Powell, J. C., 91b.
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Powell, P. P., Jr., 1b.
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Richardson, A. G. G., 16b.
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Richardson, Mrs. E. T., 61a.
Richardson, F. L., 98b.
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Richardson, G. A., 7a.
Richardson, H. L., 39a.
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Richardson, J. W., 1a.
Richardson, L. A., 90b.
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Sutton, G. M., 66b.
Sutton, T. S., 74a, 76b.
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Swaffar, P., 99a.
Swain, L. C., 60b.
Swallers, C. M., 72b.
Swanback, T. R., 13b.
Swann, F. A., 38a.
Swanson, A. F., 35a.
Swanson, C. O., 34a.
Swanson, L. E., 19b.
Swanson, L. V., 29a.
Swanson, P. P., 30a.
Swartwout, H. G., 54b.
Swartz, D., 5b.
Swartzlow, C. R., 54a.
Sweet, M. B., 21b.
Sweetman, H. L., 43b.
Sweetman, Mrs. M. D., 40b.
Swenk, M. H., 58a.
Swenson, O. W., 51a.
Swenson, S. P., 89a.
Swift, H. C., 39a.
Swift, R. W., 82b.
Swindler, N., 92a.
Swingle, D. B., 55b.
Swingle, E., 28a.
Swingle, E. B., 47a.
Swingle, H. S., 2b.
Swingle, R. U., 76b.
Swink, E. T., 99b.
Swinney, H. J., 30a.
Swope, W. D. (N. Y.), 68b.
Swope, W. D. (Pa.), 83b.
Sykes, J. D., 52b.
Symons, T. B., 40a.

Tabor, A. A., 18b.
Tabor, E. C., 45a.
Taeusch, C. F., IV.
Taff, P. C., 29a.
Taft, C. E., 74b.
Taggart, M. S., 93b.
Taggart, W. G., 37a, 38b.
Tague, W. H., 43b.
Tailby, G. W., 65b.
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Takahashi, W. N., 9b.
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Talbert, T. J., 54b.
Talbot, E. J., 107a.
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Talbot, R. F., 39a.
Taliaferro, W. T. L., 41a.
Talley, P. J., 93b.
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Tanquary, M. C., 49b.
Tapley, W. T., 70b.
Tappan, G., 38a.
Tarassuk, N. P., 7a.
Tarr, W. A., 54a.
Tarrant, L., 98b.
Tarwater, N., 38a.
Tascher, W. R., 54b.
Tate, H. D., 31b.
Tate, H. F., 4a.
Tate, H. S., 88a.
Taubenhaus, J. J., 94b.
Tauber, O. E., 31b.
Tavernetti, J. R., 7b.
Taylor, A. L., 18b.
Taylor, B. R., 78a.
Taylor, C. A., 67a.
Taylor, C. F., 69a.
Taylor, F. W., 59a.
Taylor, G. E., 45b.
Taylor, G. S., 49a.
Taylor, H. B., 46b.
Taylor, H. F., 14b.
Taylor, H. W., 71a.
Taylor, J. B., 90b.
Taylor, J. C. (Mont.), 55a.
Taylor, J. C. (N. J.), 62b.
Taylor, J. E., 79b.
Taylor, J. R., 1a.
Taylor, Mrs. J. T., 36a.
Taylor, L. C., 82a.
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Taylor, M. D., 55b.
Taylor, M. W., 61a.
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Taylor, W. P., 93a.
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Tepper, A. E., 60b.
Terrell, W. G., 36b.
Terrill, B. M., 98b.
Terry, G. S., 36b.
Te Selle, E. A., 28b.
Teske, A. H., 99b.
Teter, Mrs. E. R., 30a.
Tetrault, P. A., 21a.
Tetreau, E. D., 3b.
Teutsch, W. L., 81b.
Thaden, J. F., 47b.
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Thames, S. C., 86b.
Tharp, W. H., 5b.
Thatcher, L. E., 76a.
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Thayer, C. H., 42a.
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Thies, W. H., 44a.
Thiessen, E. J., 108a.
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Thomas, C., 31b.
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Thomas, F. L., 94a.
Thomas, Harold E., 9b.
Thomas, Harvey E., 9b.
Thomas, J., 15a.
Thomas, J. L. (Nebr.), 58a.
Thomas, J. L. (Tex.), 93a.
Thomas, J. R., 100b.
Thomas, M. E., 71b.
Thomas, Mrs. M. L., 68a.
Thomas, R. A., 18b.
Thomas, R. C., 76b.
Thomas, R. P., 40a.
Thomas, W., 83a.
Thomas, W. P., 96b.
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Van Camp, J. L., 25b.
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Vollmer, B. V., 45b.
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Walde, A. W., 93b.
Walden, B. H., 13b.
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Waldo, G. F., 80b.
Waldron, C. B., 73b.
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Walker, A. H., 55a.
Walker, C., 81a.
Walker, Mrs. D. D., 88a.
Walker, E. A., 41a.
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Walker, F. M., 90a.
Walker, G. P., 24a.
Walker, H. A., 61a.
Walker, H. B., 7a.
Walker, H. G., 100b.
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Walker, J. C., 106b.
Walker, J. J., 90a.
Walker, J. R., 20a.
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Walkey, F. L., 26b.
Wall, D., 79b.
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Wallace, D. B. Johnstone-, 65a.
Wallace, E. T., 24b.
Wallace, M. E., 99b.
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Wallace, R. W., 88b.
Wallace, W. J. L., 104b.
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Ward, W. F., 16b.
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Ware, B. A., 42b.
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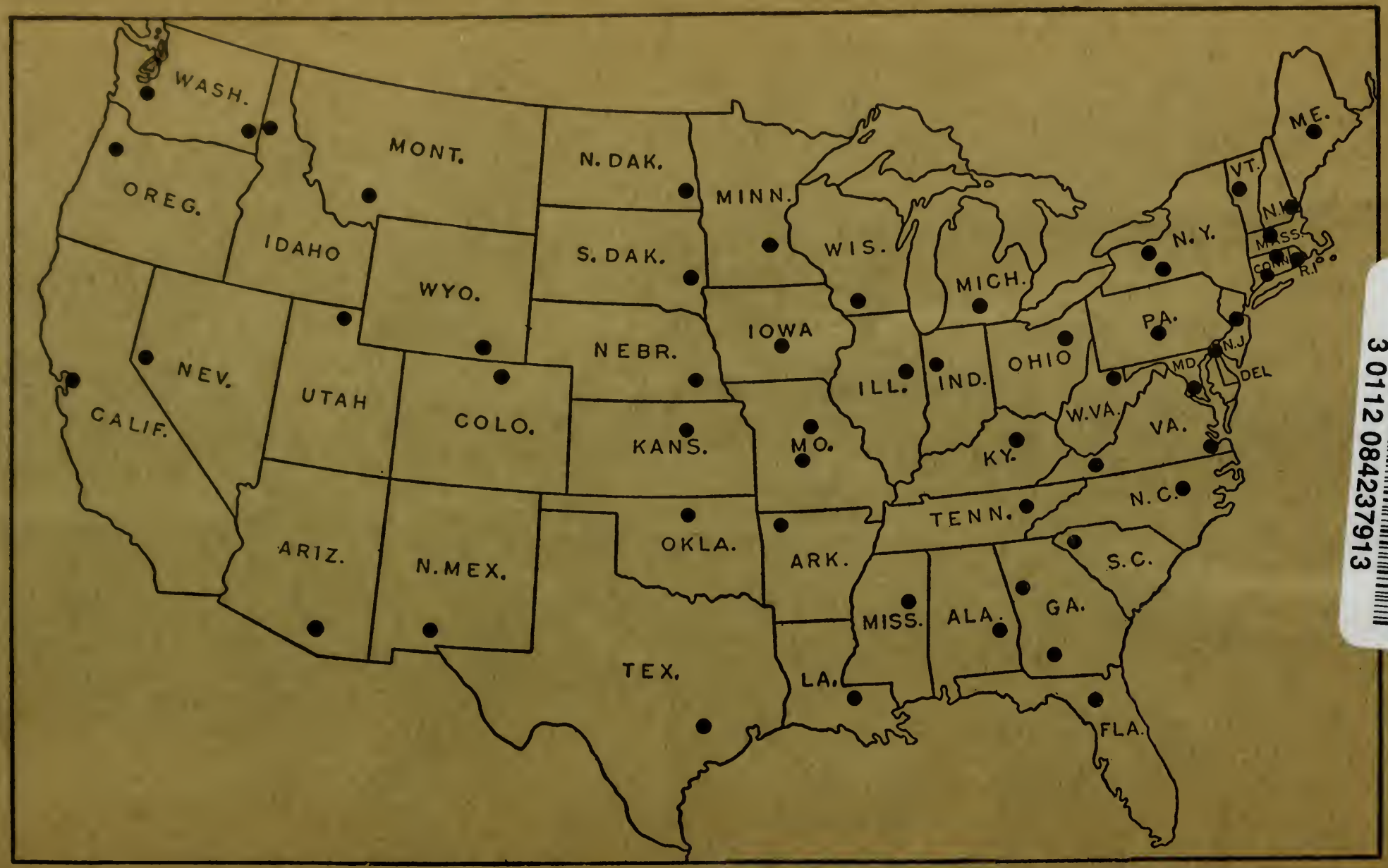

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